



STIC Search Report

EIC 2600

STIC Database Tracking Number: 11203

TO: Scott Beliveau
Location: PK2-6C41
Art Unit : 2614
Friday, January 16, 2004

Case Serial Number: 09/716682

From: Vamshi Kalakuntla
Location: EIC 2600
PK2-3C03
Phone: 306-0254

Vamshi.kalakuntla@uspto.gov

Search Notes

Dear Scott Beliveau;

Attached please find the results of your search request 09/716682.

I used the search strategy I emailed to you to edit, not hearing from you I proceeded.

I searched the standard Dialog files, IBM TDBs, IEEE, the wayback machine, and the internet.

If you would like a re-focus please let me know.

Please feel free to contact me if you have questions or concerns. Thank you and have a great day.

Please take a moment and fill out the attached feedback form. Thank you.



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File 6:NTIS 1964-2004/Jan W2
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(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
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(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Jan 14
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? ds

| Set | Items | Description |
|-----|-------|---|
| S1 | 23021 | ((SECURITY OR AUTHORI?) (3N) (POLIC? OR MODULE? ? OR CONDITI- ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM? OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S2 | 491 | S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR WEBTV OR WEB()TV OR INTERNET(3N)TV) |
| S3 | 2 | (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA- ND OR VOD OR PAY()PER()VIEW OR PPW) (10N) (PARENTAL() (LOCKOUT? - OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?) |
| S4 | 2 | S3 AND S1 |
| S5 | 119 | S2 AND (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR- ESENT OR USER? ? OR CHANNEL OR TUNER) (3N) (STATE? ? OR PREFERE- NCE? ? OR ENVIRONMENT? OR SELECT?)) |
| S6 | 8 | (CONDITION? OR EXPRESSION?) AND S5 |
| S7 | 8 | RD S6 (unique items) |
| S8 | 5 | S7 NOT PY>1998 |
| S9 | 111 | S5 NOT S6 |
| S10 | 92 | RD S9 (unique items) |
| S11 | 67 | S10 NOT PY>1998 |
| S12 | 2 | S11 AND (JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S13 | 11 | S11 AND (SOFTWARE OR SOFT()WARE) NOT S12 |
| S14 | 35 | AU=(PETERKA, P? OR PETERKA P?) |
| S15 | 0 | CO=(GENERAL() INSTRUMENT) |
| S16 | 0 | (S14 OR S15) AND S2 |
| S17 | 0 | (S14 OR S15) AND S1 |

4/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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03023977 E.I. Monthly No: EIM9102-006634
Title: Complete system for controlled access television.
Author: Cutts, David J.
Corporate Source: European Television Encryption Ltd
Conference Title: International Broadcasting Convention - IBC 1990
Conference Location: Brighton, Engl Conference Date: 19900921
E.I. Conference No.: 13964
Source: IEE Conference Publication n 327. Publ by IEE, Michael Faraday
House, Stevenage, Engl. p 266-269
Publication Year: 1990
CODEN: IECPB4 ISSN: 0537-9987
Language: English

Title: Complete system for controlled access television.
Abstract: This paper sets out to provide an overview of conditional access systems using Eurocypher **access control**. The Eurocypher system design is intended to allow implementations which will support the conditional access requirements of any MAC **programmer**. It is designed to meet the requirements of the MAC standard, which is required for...

...Access system. These aspects are discussed. The Eurocypher system is described. The topics include the **access control** module, the **program control** system, the subscriber authorization system, the uplink encoder controller, impulse **pay per view**, **parental lockout** control, text features, security, system extensions, and operation. 4 Refs.

Identifiers: **CONTROLLED ACCESS TV; EUROCYpher; MAC SYSTEMS; SCRAMBLING; SATELLITE TELEVISION**

4/3,K/2 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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00944356
SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
UK - SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
Infomatics Daily Bulletin (IDB) 12 March 1987 p3

SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
UK - SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**

Scicon has been awarded a #700k contract by British Cable Services to develop **software** for the control of interactive cable TV services. **Software** will control network and interactive services available to **pay per view** customers, offering: **parental control of access**, **teleshopping** and **voting**.*

PRODUCT: Teletext ServicesCable Television SystemsComputer **Software**
?

8/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6057546 INSPEC Abstract Number: B9812-6140C-026, C9812-5260B-015
Title: Design of a face recognition system for person identification using a CCTV camera
Author(s): Jeun-Woo Lee; Hyo-Kyung Sung; Sung-Oan Kim; Heung-Moon Choi
Author Affiliation: Electron. & Telecommun. Res. Inst., South Korea
Journal: Journal of the Institute of Electronics Engineers of Korea C
vol.35-C, no.5 p.50-8
Publisher: Inst. Electron. Eng. Korea,
Publication Date: May 1998 Country of Publication: South Korea
CODEN: CKONF4 ISSN: 1226-5853
SICI: 1226-5853(199805)35C:5L:50:DFRS;1-O
Material Identity Number: G413-98006
Language: Korean
Subfile: B C
Copyright 1998, IEE

Abstract: We propose an efficient face recognition system for controlling the access to the restricted zone using both the face region detectors based on facial symmetry and...

... to authenticate faces of the enlisted member. In order to cope with changes of facial expression or glasses wearing, etc, the facial descriptions of each member at the time of authentication are simultaneously updated on the descriptive synapses online using the incremental learning of...

Descriptors: access control ; ...

...closed circuit television ; ...

...television applications

...Identifiers: access control ;

8/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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5968821 INSPEC Abstract Number: B9808-6430-015
Title: Program encoder for digital satellite communications
Author(s): Mizuta, T.; Ishii, T.; Yamamoto, Y.; Kitano, S.; Tanaka, H.; Kouno, Y.; Hon, N.C.; Hong, N.S.
Journal: Matsushita Technical Journal vol.44, no.1 p.65-72
Publisher: Matsushita Electric Industrial Co,
Publication Date: Feb. 1998 Country of Publication: Japan
Material Identity Number: G497-98001
Language: Japanese
Subfile: B
Copyright 1998, IEE

Title: Program encoder for digital satellite communications

Abstract: A program encoder has been developed for use in Earth stations for digital satellite communication and broadcasting. In order to transmit multiple AV programs in the narrow bandwidth required, the encoder performs the digital compression of AV baseband signals...

... with a systems encoder for multiplexing AV-coded data streams, and has such functions as **conditional access control** and scrambling for communication services. In addition, the systems control using an embedded real- time OS performs real- time video processing and redundant system control. Consequently, the performance and reliability required of broadcasting equipment...

...Descriptors: digital **television** ; ...

... **television** broadcasting
Identifiers: **program** encoder...

...multiple AV **programs** ; ...

... **conditional access control** ; ...

...embedded real- time OS...

...real- time video processing

8/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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02124375 INSPEC Abstract Number: B83056666, C83037834

Title: **Enhancement of direct visual and CCTV surveillance/assessment functions at the perimeters of controlled access sites**

Author(s): Pfleckl, F.P.

Author Affiliation: US Army MERADCOM, Counter Surveillance/Counter Intrusion Lab., WA, USA

Conference Title: Proceedings 1983 Conference on Crime Countermeasures and Security p.47-52

Editor(s): Jackson, J.S.; De Vore, R.W.

Publisher: Univ. Kentucky, Lexington, KY, USA

Publication Date: 1983 Country of Publication: USA 117 pp.

ISBN: 0 89779 055 3

Conference Sponsor: Univ. Kentucky; IEEE

Conference Date: 11-13 May 1983 Conference Location: Lexington, KY, USA

Language: English

Subfile: B C

Title: **Enhancement of direct visual and CCTV surveillance/assessment functions at the perimeters of controlled access sites**

Abstract: Illumination for the direct visual and CCTV surveillance/assessment functions at the perimeters of **controlled access** sites is costly and, for viewing ranges in excess of 600 feet, it is usually...

... or falling snow. This same illumination is also a major contributor to the unique, night **time** signature of the site. Augmenting an existing lighting system with high intensity reflective material, strategically placed, has been found to improve upon several expensive and inadequate **conditions**. Through the **application** of highly reflective material and luminaires collocated with the mode of observing a scene-either...

...Descriptors: closed circuit **television** ;

8/3,K/4 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

766054 ORDER NO: AAD81-29089

**DESIGN OF AN AUTOMATED IMAGE PROCESSING SYSTEM FOR PARTICLE SIZE
MEASUREMENT**

Author: RYOO, KEUN HO
Degree: PH.D.
Year: 1981
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)
Source: VOLUME 42/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2940. 334 PAGES

An image processing system has been designed to digitize and display either TV camera images or video tape recorded images. The image digitizer and display controller has been...

...x 256 picture elements and has 16 gray levels. It consists of a direct memory access controller for digitizing and display, a parallel port of transfer data to and from PDP-11...

...a sync separator provide the required signals for video digitizing or displaying.

Several image processing programs have been developed for image smoothing, image thresholding, edge detection, edge thinning and boundary tracing, in addition to system support programs such as digitizer control and data transfer programs. The boundary tracing algorithm uses a heuristic cost function with parameters such as edge magnitude...

...data set can be processed automatically. The area, perimeter and diameter are calculated. The processing time is in the range 4-6 minutes per image, for relative measurements. If the system...

...system is capable of performing all operations unattended. The failure rate is dependent upon lighting conditions and glare in the eye during video recording. The image processing system can be tailored to a particular application such as semi-automatic measurement of cell sizes from electron micrographs, just by rearranging the various image processing programs developed during this research.

...

8/3,K/5 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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03518568 JICST ACCESSION NUMBER: 98A0309330 FILE SEGMENT: JICST-E
Digital Satellite Broadcasting & Communications. Program Encoder for
Digital Satellite Communications.

MIZUTA TAKASHI (1); ISHII TOMOKI (1); YAMAMOTO YOSHIKI (1); KITANO SATOSHI
(2); TANAKA HISAYOSHI (2); KONO YOSHIHIRO (2); HON N C (3); HONG N S
(3)

(1) Matsushitadenkisangyo Maruchimediashisutemuken; (2) Matsushita
Softresearch, Inc.; (3) Panasonikkushingaporuken
Matsushita Tech J, 1998, VOL.44,NO.1, PAGE.65-72, FIG.11, TBL.1, REF.7
JOURNAL NUMBER: G0474ABY ISSN NO: 1343-9529
UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

Digital Satellite Broadcasting & Communications. Program Encoder for Digital Satellite Communications.

ABSTRACT: The **program** encoder has been developed for use in earth stations for digital satellite communication and broadcasting. In order to transmit multiple AV **programs** in a narrow bandwidth required, the encoder performs the digital compression of AV baseband signals...

...with the systems encoder for multiplexing AV-coded data streams, and has such functions as **conditional access control** and scrambling for communication services. In addition, the systems control using an embedded real- **time** OS performs the real- **time** video processing and redundant system control. Consequently, the performance and reliability required of broadcasting equipment...

...DESCRIPTORS: **program** production...

... **television** broadcast

?

12/3,K/1 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2003 The HW Wilson Co. All rts. reserv.

2030008 H.W. WILSON RECORD NUMBER: BAST96031804
E-mail privacy
InTech v. 43 (Apr. 1996) p. 33
DOCUMENT TYPE: Feature Article ISSN: 0192-303X

ABSTRACT: New developments in **software** products for the Internet are discussed. Scrambler Technologies Inc., Loveland, Ohio, has introduced Scrambler for Windows. This point-and-click encryption **software** is designed to secure sensitive information being sent on the Internet. Microwave, Des Moines, Iowa, has announced plans to integrate the **Java** language into its OS-9 real-time operating system. This should add Internet functionality to a number of intelligent consumer electronic devices, including wireless communicators and **television** set-top boxes. Finally, Integrated Systems Inc., Santa Clara, California, has also announced support for embedded Internet **applications**. Its first embedded Internet offering will be support for **Java** on its pSOSystem operating system for embedded microprocessors.

DESCRIPTORS: ... **Access control** ; ...

... **Java** (Computer language...
...Encryption **software** ;

12/3,K/2 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
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13778453 PASCAL No.: 98-0491686
MHEG-5 et Java : Le socle d'une API europeenne commune ?
(MHEG-5 and Java : The base of a commun european API)
MORNINGTON-WEST A
ITVA, United Kingdom
Journal: UER-revue.technique, 1998 (275) 11-15
Language: French

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MHEG-5 et Java : Le socle d'une API europeenne commune ?
(MHEG-5 and Java : The base of a commun european API)
La question de l'utilisation de differentes interfaces de **programme d'application** (API) sous licence dans les recepteurs de **television numerique** occupe un role preponderant dans un marche eclate. Otage d'une bagarre entre radiodiffuseurs...

... cette necessite en utilisant le decodeur de contenu MHEG-5 et la couche machine virtuelle **Java**. Il indique aussi comment realiser pratiquement le passage de l'utilisation d'une interface sous...

English Descriptors: Digital **television** ; Decoding circuit; **Software** tool; Virtual machine; **Television** receiver; Computer hardware; Expert system; Real time ; **Programming** language; **Java** ; **Access control**

French Descriptors: **Television** numerique; Circuit decodeur; Outil logiciel; Machine virtuelle; Recepteur **television** ; Materiel(informatique); Systeme expert; Temps reel; Langage

programmation ; Java ; Controle acces

Spanish Descriptors: **Television** numerica; Circuito desciframiento;
Herramienta (controlada por) logicial; Maquina virtual; Receptor
television ; Material (informatica); Sistema experto; Tiempo real;
Lenguaje programacion ; Java

?

13/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5998402 INSPEC Abstract Number: B9809-0120-034, C9809-7810C-092
Title: DooRae distance home study system on DooRae framework for integrated home information service
Author(s): Seok Soo Kim; Dae Joon Hwang
Author Affiliation: Dept. of Inf. Eng., Sung Kyun Kwan Univ., Seoul, South Korea
Conference Title: ISCE '97. Proceedings of 1997 IEEE International Symposium on Consumer Electronics (Cat. No.97TH8348) p.75-8
Publisher: IEEE, New York, NY, USA
Publication Date: 1997 Country of Publication: USA xxii+312 pp.
ISBN: 0 7803 4371 9 Material Identity Number: XX98-00464
U.S. Copyright Clearance Center Code: 0 7803 4371 9/97/\$10.00
Conference Title: ISCE '97. Proceedings of 1997 IEEE International Symposium on Consumer Electronics
Conference Sponsor: IEEE
Conference Date: 2-4 Dec. 1997 Conference Location: Singapore
Language: English
Subfile: B C
Copyright 1998, IEE

Abstract: We design the collaborative distance home study system by using SDK (**software** development kit) of API (**application** interface) format on the DooRae framework (or platform) for an integrated home information service. It is implemented by the high technology of multimedia, information communication and **software** . This system is a low cost **application** system for the general home PC **user** . With the network **environment** of this system it is possible to construct a superhighway by connecting various network with...

... 1995 standard specification. We connected the Internet, intranet and various household electrical appliance (video, audio, **PC** , **TV** , phone, fax) with the home network backbone. Then we can use conveniently/efficiently the multimedia...

...an integrated information service. The Doorae distance home study system has many functions which are **application** (audio/video/text data, teaching materials, DB) sharing, white board to support interaction, a video...

... collaborative multimedia distance education within the home. The technical components are composed of session management, **access** management, network **control** and media control.

...Descriptors: microcomputer **applications** ; ...

... **software** engineering

...Identifiers: **software** development kit...

... **application** interface...

...low cost **application** system...

... **TV** ;

13/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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5861857 INSPEC Abstract Number: B9804-6420-011, C9804-7410F-066

Title: Architecture of the virtual broadcast studio

Author(s): Guzik, K.

Author Affiliation: Sun Microsyst. Inc., Menlo Park, CA, USA

Journal: SMPTE Journal vol.106, no.12 p.881-6

Publisher: Soc. Motion Picture & Telev. Eng,

Publication Date: Dec. 1997 Country of Publication: USA

CODEN: SMPJDF ISSN: 0036-1682

SICI: 0036-1682(199712)106:12L:881:AVBS;1-G

Material Identity Number: S218-98001

Language: English

Subfile: B C

Copyright 1998, IEE

...Abstract: speed wide-area networks, and digital file servers allows us to view the future of **television** broadcast studios very differently than we do today. As computer and network technologies have advanced in both sophistication and performance, our understanding of the possibilities that the **application** of these technologies can provide has also grown. Digital networks are no longer used simply...

... communication between computers, but are capable of transferring data fast enough to make the real- **time** distribution of high-quality video data to a wide audience a reality. The ability to store, **access**, **control** and move large volumes of digital data reliably across great distances at very high speed...

... manage and run a broadcast studio. In addition, through the use of network distributed object **software** models, we can build studios that are very flexible and easy to change, and highly...

Descriptors: digital **television** ; ...

... **television** broadcasting...

... **television** studios

...Identifiers: **television** broadcast studios...

...network distributed object **software** models

13/3,K/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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01630140 INSPEC Abstract Number: C81006215

Title: Automated computer controlled editing sound system (ACCESS)

Author(s): Deitrick, W.R.

Author Affiliation: Mini-Micro Systems Inc., Anaheim, CA, USA

Conference Title: AFIPS Conference Proceedings. 1980 National Computer Conference p.83-5

Publisher: AFIPS, Arlington, VA, USA

Publication Date: 1980 Country of Publication: USA xii+919 pp.

Conference Date: 19-22 May 1980 Conference Location: Anaheim, CA, USA

Language: English

Subfile: C

Title: Automated computer controlled editing sound system (ACCESS)

...Abstract: 1977 and has been used to create sound effects tracks for many feature films and **TV** shows. ACCESS has enabled the editor to expand and utilize his creative abilities as well...

... output fivefold. The instantaneous availability of sounds and the electronic editing capability results in tremendous **time** savings. **Software** development continues to enable dialog clean-up and music editing to be performed on ACCESS...

...Identifiers: **TV** shows

13/3,K/4 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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2143446 NTIS Accession Number: ADA367858/XAB

Wireless Connectivity to ATM Communication Grid

(Progress rept. Aug 97-Aug 98)

Rajaravivarma, V. ; Sivalingam, K.

North Carolina Agricultural and Technical State Univ., Greensboro.

Corp. Source Codes: 055520000; 410976

Report No.: AFRL-SR-BL-TR-99-0222

31 Aug 1998 130p

Journal Announcement: USGRDR0001

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NTIS Prices: PC A08/MF A02

... ATM network interface cards, Fiber patch card, AMP wireless access point, AMP wireless card, Gateway **PC / TV** Destination, HP Scanner, and two Data cabinets. All these equipments will be used by undergraduate...

... We have designed and analyzed a low power access protocol, called ECMAC (Energy conserving medium **access control**). This protocol has been simulated using a freely available discrete event simulation package. Performance results...

... 11 standard. The next stage in this research is to implement the MAC protocol in **software** and reconfigurable hardware for real **time** power analysis. We have made significant modifications to the RSVP protocol, the Internet standard for...

Descriptors: Computer communications; *Local area networks; *Asynchronous transfer mode; Real **time** ; Bandwidth; Digital communications; Energy conservation; Network architecture

13/3,K/5 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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1109213 NTIS Accession Number: AD-A140 215/5

Experimental Video Disc for Map and Image Display

Costanzo, D. J.

Army Engineer Topographic Labs., Fort Belvoir, VA.

Corp. Source Codes: 008093000; 403192

Report No.: ETL-R-063

1984 10p

Languages: English

Journal Announcement: GRAI8415

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and

email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

...and the Middle East. The entire process to create the disc covered one year's time. The Engineer Topographic Laboratories (ETL) is presently evaluating this disc and writing the software to control access to it via microcomputer. Copies of the video disc are available for evaluation by interested...

Descriptors: Maps; *Data storage systems; *Video recording; Disk recording systems; Laser applications; Information retrieval; Television display systems

13/3,K/6 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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04394552 E.I. No: EIP96053160304

Title: Recording, configuring and generating data in the blanking interval: tools for teletext

Author: Wass, Alexander

Corporate Source: Tara systems

Source: Siemens Components v 31 n 1 Jan-Feb 1996. p 24-25

Publication Year: 1996

CODEN: SICOD5 ISSN: 9173-1734

Language: English

Abstract: Designers and manufacturers of TV sets as well as laboratories working on teletext, VPS, VPT, WSS or HiTexst must be...

...data types from the lines in the blanking interval and to store them in real time. The data thus obtained is then available in a PC for further processing and analysis...

Descriptors: Videotex; Personal computers; Television transmission; User interfaces; Microprocessor chips; Reduced instruction set computing; Random access storage; Computer control systems; Data communication systems; Computer software

13/3,K/7 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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01020510 E96071419249

Sauberfiltern. Initiative plaediert fuer freiwillige Selbstkontrolle
(Filter clean. Initiative pleads for voluntary self-control)

Post, H-J

c't, v79, n8, pp66,68-69, 1996

Document type: journal article Language: German

Record type: Abstract

ISSN: 0724-8679

ABSTRACT:

...und Softwarefirmen weilen, plaediert auf Selbstkontrolle und favorisiert das Konzept einer standardisierten Infrastruktur fuer Bewertungssysteme (Rating -Systeme) im Internet, aehnlich wie es in der Videospiele- und Filmbranche schon ueblich ist. Internet...

DESCRIPTORS: INTERCONTINENTAL NETWORKS; DATA COMMUNICATION; DATA EXCHANGE; DATA TRANSMISSION; INFORMATION NETWORKS; COMMUNICATION SERVICES; DATA

PRIVACY PROTECTION; **ACCESS CONTROL** ; COMPUTER CRIME; HUMANS; FIRMS AND INSTITUTIONS; EARTH PLANET; ON LINE PROCESSING; ASSESSMENT; TV GAME; PHOTOGRAPHIC FILMS; COMPUTER SYSTEMS HARDWARE; COMPUTER **SOFTWARE** ; LEARNING MATERIALS

13/3,K/8 (Item 2 from file: 95)
DIALOG(R) File 95:TEME-Technology & Management
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00946731 E95111119217

A home network controller for providing broadband access to residential subscribers

(Netzwerk-Controller fuer die Darstellung von Breitbandzugaengen im Heimbereich)

Ramanathan, S; Gusella, R

Hewlett-Packard, Palo Alto, USA

1995 International Conference on Consumer Electronics IEEE Transactions on Consumer Electronics, v41, n3, pp859-868, 1995

Document type: journal article Language: English

Record type: Abstract

ISSN: 0098-3063

A home network controller for providing broadband access to residential subscribers

ABSTRACT:

...distribution within the home by employing exisiting networking technologies, such as coaxial cable for real- **time** multimedia delivery to television sets, and Ethernet for data communication to home computers.

...DESCRIPTORS: LOCAL AREA NETWORKS; MICROCOMPUTERS; DATA TRANSMISSION; REAL **TIME** METHOD; BANDWIDTH...

...TECHNIQUE; LIGHT COMMUNICATION; OPTICAL WAVEGUIDES; SYSTEM ARCHITECTURE; COAXIAL CABLES; COMPUTER SYSTEMS HARDWARE; DATA STATIONS; COMPUTER **SOFTWARE**

13/3,K/9 (Item 1 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
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03400254

ACCESS CONTROL SYSTEMS GROUP SET UP

NETHERLANDS - **ACCESS CONTROL SYSTEMS GROUP SET UP**

Industrial Equipment News (IEN) 0 April 1990 p8

ISSN: 0019-8277

ACCESS CONTROL SYSTEMS GROUP SET UP

NETHERLANDS - **ACCESS CONTROL SYSTEMS GROUP SET UP**

... of an independent group of companies set up by Group 4 Securitas International to develop **access control** and related systems. The group will have four wholly-owned subsidiaries - Plantime, Securitas Technology, Henderson...

... electronic card-based systems, state-of-the-art biometrics, CCTV surveillance, perimeter security equipment and **time** and attendance recording.

PRODUCT: Closed Circuit TV Equipment

13/3,K/10 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

00964138
BT SETS TRIAL DATE FOR OPTICAL MEMORY CARD
UK - BT SETS TRIAL DATE FOR OPTICAL MEMORY CARD
Banking Technology (BTY) 0 March 1987 p41
ISSN: 0266-0865

BT SETS TRIAL DATE FOR OPTICAL MEMORY CARD
UK - BT SETS TRIAL DATE FOR OPTICAL MEMORY CARD

... is provided under license from Drexler Technology. Optical memory card is capable of storing eight TV pictures or 800 pages of text. Two megabytes may be recorded on a reflective laser/optical recording stripe. Recall Cards will be used for financial transactions, software distribution, health care and Access control . It is possible that the cards will be able to be used with BT M5000...

13/3,K/11 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

04408160
Out of Site, Out of Mind It's 10 P.M. Do You Know What Your Kids Are Doing
on the Internet?
Woodard, Sara
Times-Picayune, Sec C, p 1, col 1
Feb 3, 1997
ISSN: 1055-3053 NEWSPAPER CODE: NO
DOCUMENT TYPE: Feature; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: and computer games, the Internet is not policed (aside from child pornography laws) or given ratings - like TV 's new rating system or the V-chip - that parents can use to screen objectionable material including sexual...

...that would police the Internet because they were ruled unconstitutional. Is there a way to control a child's access to the Internet and even screen material appropriate for a 17-year-old that may...

...you are using. In the fall of 1995, a group of online service providers and software firm representatives as well as members of the academic community developed a labeling and selection...

?

File 344:Chinese Patents Abs Aug 1985-2003/Nov
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
 (c) 2004 JPO & JAPIO
 File 348:EUROPEAN PATENTS 1978-2004/Jan W02
 (c) 2004 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218
 (c) 2003 WIPO/Univentio
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200403
 (c) 2004 Thomson Derwent

Arthur

? ds

| Set | Items | Description |
|-----|-------|---|
| S1 | 51 | AU=(PETERKA, P? OR PETERKA P?) |
| S2 | 512 | CO=(GENERAL() INSTRUMENT) |
| S3 | 49242 | ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI- ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM? OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S4 | 19 | S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR WEBTV OR WEB()TV OR INTERNET(3N)TV) |
| S5 | 19 | (S1 OR S2)(S)S4 |
| S6 | 19 | IDPAT (sorted in duplicate/non-duplicate order) |
| S7 | 10 | IDPAT (primary/non-duplicate records only) |
| S8 | 71 | (S1 OR S2) AND IC=H04N-007/16 |
| S9 | 23 | S8 AND S3 |
| S10 | 17 | S9 NOT S5 |
| S11 | 17 | IDPAT (sorted in duplicate/non-duplicate order) |
| S12 | 17 | IDPAT (primary/non-duplicate records only) |
| S13 | 6 | S12 AND AD=19980619:20010000/PR |
| S14 | 2 | S12 AND AD=20010000:20040115/PR |
| S15 | 11 | S12 NOT (S13 OR S14) |

7/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013269895 **Image available**
WPI Acc No: 2000-441801/200038
XRPX Acc No: N00-329745

Set-top terminal for resource management in digital TV receiver, includes application programming interface which has resource, management and registry packages for corresponding resources

Patent Assignee: GEN INSTR CORP (GENN)
Inventor: MANGALORE G; MEANDZIJA B N; PETERKA P ; ZAISER K
Number of Countries: 087 Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|--------------|------|----------|----------|
| WO 200030346 | A1 | 20000525 | WO 99US23358 | A | 19991007 | 200038 B |
| AU 9964193 | A | 20000605 | AU 9964193 | A | 19991007 | 200042 |

Priority Applications (No Type Date): US 98107962 P 19981112

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| WO 200030346 | A1 | E | 48 | H04N-005/00 | |

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964193 A H04N-005/00 Based on patent WO 200030346

...Inventor: PETERKA P

7/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013269894 **Image available**
WPI Acc No: 2000-441800/200038
XRPX Acc No: N00-329744

Television set-top terminal for user management, includes API that provides user registry, registry of preferences of users and permission for controlling user's access to at least one provided application

Patent Assignee: GEN INSTR CORP (GENN)
Inventor: MEANDZIJA B N; PETERKA P
Number of Countries: 088 Number of Patents: 005
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| WO 200030345 | A1 | 20000525 | WO 99US23346 | A | 19991007 | 200038 B |
| AU 9962944 | A | 20000605 | AU 9962944 | A | 19991007 | 200042 |
| EP 1166549 | A1 | 20020102 | EP 99950245 | A | 19991007 | 200209 |
| | | | WO 99US23346 | A | 19991007 | |
| KR 2001080427 | A | 20010822 | KR 2001705989 | A | 20010511 | 200213 |
| JP 2002530943 | W | 20020917 | WO 99US23346 | A | 19991007 | 200276 |
| | | | JP 2000583242 | A | 19991007 | |

Priority Applications (No Type Date): US 98107949 P 19981112

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| WO 200030345 | A1 | E | 37 | H04N-005/00 | |

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
 CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
 AU 9962944 A H04N-005/00 Based on patent WO 200030345
 EP 1166549 A1 E H04N-005/00 Based on patent WO 200030345
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE
 KR 2001080427 A H04N-007/173
 JP 2002530943 W 47 H04N-005/44 Based on patent WO 200030345

...Inventor: PETERKA P

7/3,K/3 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

013258941 **Image available**
 WPI Acc No: 2000-430824/200037
 XRPX Acc No: N00-321524

Television set top terminal for accessing system information in abstract
 format, has application program interface which provides abstracted
 system information in generic form suitable for use by application

Patent Assignee: GEN INSTR CORP (GENN)
 Inventor: KASSMAN T; MANGALORE G; PETERKA P
 Number of Countries: 088 Number of Patents: 009
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| WO 200027114 | A1 | 20000511 | WO 99US25322 | A | 19991028 | 200037 B |
| AU 200014551 | A | 20000522 | AU 200014551 | A | 19991028 | 200040 |
| EP 1125432 | A1 | 20010822 | EP 99971609 | A | 19991028 | 200149 |
| | | | WO 99US25322 | A | 19991028 | |
| BR 9914790 | A | 20011002 | BR 9914790 | A | 19991028 | 200167 |
| | | | WO 99US25322 | A | 19991028 | |
| KR 2001082261 | A | 20010829 | KR 2001705308 | A | 20010427 | 200215 |
| CN 1332935 | A | 20020123 | CN 99815174 | A | 19991028 | 200231 |
| JP 2002529970 | W | 20020910 | WO 99US25322 | A | 19991028 | 200274 |
| | | | JP 2000580375 | A | 19991028 | |
| AU 755310 | B | 20021212 | AU 200014551 | A | 19991028 | 200305 |
| MX 2001004230 | A1 | 20020301 | WO 99US25322 | A | 19991028 | 200362 |
| | | | MX 20014230 | A | 20010427 | |

Priority Applications (No Type Date): US 98113444 P 19981223; US 98106508 P
 19981030; US 98107965 P 19981112

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 WO 200027114 A1 E 95 H04N-007/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
 CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200014551 A Based on patent WO 200027114

EP 1125432 A1 E H04N-007/00 Based on patent WO 200027114

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE

BR 9914790 A H04N-007/00 Based on patent WO 200027114

KR 2001082261 A H04N-007/20
 CN 1332935 A H04N-007/00
 JP 2002529970 W 97 H04N-007/16 Based on patent WO 200027114
 AU 755310 B H04N-007/00 Previous Publ. patent AU 200014551
 Based on patent WO 200027114
 MX 2001004230 A1 H04N-005/00 Based on patent WO 200027114

...Inventor: PETERKA P

7/3,K/4 (Item 4 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

013239454 **Image available**
 WPI Acc No: 2000-411328/200035
 XRPX Acc No: N00-307518

Television set-top terminal notifies user about presence of applications,
 after they are registered and installed

Patent Assignee: GEN INSTR CORP (GENN)

Inventor: IACOVERA S A; MANGALORE G; MEANZIJA B N; PETERKA P ; MEANDZIJA B
 N

Number of Countries: 088 Number of Patents: 009

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| WO 200022816 | A1 | 20000420 | WO 99US23721 | A | 19991007 | 200035 B |
| AU 9964264 | A | 20000501 | AU 9964264 | A | 19991007 | 200036 |
| EP 1119963 | A1 | 20010801 | EP 99951932 | A | 19991007 | 200144 |
| | | | WO 99US23721 | A | 19991007 | |
| KR 2001080122 | A | 20010822 | KR 2001704614 | A | 20010412 | 200213 |
| CN 1330832 | A | 20020109 | CN 99814369 | A | 19991007 | 200229 |
| JP 2002527844 | W | 20020827 | WO 99US23721 | A | 19991007 | 200271 |
| | | | JP 2000576614 | A | 19991007 | |
| BR 9914557 | A | 20030107 | BR 9914557 | A | 19991007 | 200309 |
| | | | WO 99US23721 | A | 19991007 | |
| MX 2001003617 | A1 | 20020301 | WO 99US23721 | A | 19991007 | 200362 |
| | | | MX 20013617 | A | 20010409 | |
| AU 766782 | B | 20031023 | AU 9964264 | A | 19991007 | 200381 |

Priority Applications (No Type Date): US 98103943 P 19981013

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200022816 A1 E 58 H04N-005/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
 CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964264 A Based on patent WO 200022816

EP 1119963 A1 E H04N-005/00 Based on patent WO 200022816

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE

KR 2001080122 A H04N-007/00

CN 1330832 A H04N-005/00

JP 2002527844 W 58 G06F-009/54 Based on patent WO 200022816

BR 9914557 A H04N-005/00 Based on patent WO 200022816

MX 2001003617 A1 H04N-005/00 Based on patent WO 200022816

AU 766782 B H04N-005/00 Previous Publ. patent AU 9964264

Based on patent WO 200022816

...Inventor: PETERKA P

7/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012998974 **Image available**
WPI Acc No: 2000-170826/200015
XRPX Acc No: N00-127015

Dynamic security method for controlling access to function of digital television receiver

Patent Assignee: GEN INSTR CORP (GENN)

Inventor: PETERKA P

Number of Countries: 087 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|--------------|------|----------|----------|
| WO 9966714 | A1 | 19991223 | WO 99US10780 | A | 19990514 | 200015 B |
| AU 9939046 | A | 20000105 | AU 9939046 | A | 19990514 | 200024 |
| EP 1088446 | A1 | 20010404 | EP 99921973 | A | 19990514 | 200120 |
| | | | WO 99US10780 | A | 19990514 | |
| NO 200006437 | A | 20010216 | WO 99US10780 | A | 19990514 | 200123 |
| | | | NO 20006437 | A | 20001215 | |

Priority Applications (No Type Date): US 9889704 P 19980618

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9966714 A1 E 51 H04N-005/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9939046 A H04N-005/00 Based on patent WO 9966714

EP 1088446 A1 E H04N-005/00 Based on patent WO 9966714

Designated States (Regional): AT BE CH DE DK ES FR GB IE LI NL SE

NO 200006437 A H04N-000/00

Inventor: PETERKA P

7/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

01060077 **Image available**

DIGITAL RIGHTS MANAGEMENT SYSTEM FOR CLIENTS WITH LOW LEVEL SECURITY
SYSTEME DE GESTION DE DROITS NUMERIQUES DESTINE A DES CLIENTS AYANT UN
FAIBLE NIVEAU DE SECURITE

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, Motorola, Inc., Broadband Communications
Sector, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US
(Nationality)

Inventor(s):

PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
ZHANG Jiang, 4158 Decoro Street, Apt. 22, San Diego, CA 92122, US

Legal Representative:

NG Horace H (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200390049 A2 20031030 (WO 0390049)
Application: WO 2003US11138 20030409 (PCT/WO US0311138)
Priority Application: US 2002125294 20020417

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK
(utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model)
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK
(utility model) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6161

Inventor(s):

PETERKA Petr ...

7/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00961855 **Image available**

INITIAL FREE PREVIEW FOR MULTIMEDIA MULTICAST CONTENT

PREVISUALISATION GRATUITE INITIALE DESTINEE A UN CONTENU MULTIMEDIA
MULTIDIFFUSION

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
US, US (Residence), US (Nationality)

Inventor(s):

PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US

Legal Representative:

VOBACH William F (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200296024 A2-A3 20021128 (WO 0296024)
Application: WO 2001US51649 20011026 (PCT/WO US0151649)
Priority Application: US 2000243925 20001026

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15423

Inventor(s):

PETERKA Petr ...

7/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00935333 **Image available**

ENFORCEMENT OF RIGHTS AND CONDITIONS FOR MULTIMEDIA CONTENT

APPLICATION DES DROITS DE CONTENUS ET CONDITIONS DESTINEES AU CONTENU MULTIMEDIA

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
US, US (Residence), US (Nationality)

Inventor(s):

PETERKA Petr, 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US

Legal Representative:

KULAS Charles J (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200269567 A2-A3 20020906 (WO 0269567)

Application: WO 2001US50360 20011026 (PCT/WO US0150360)

Priority Application: US 2000243925 20001026

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13616

Inventor(s):

PETERKA Petr ...

7/3,K/9 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00929772 **Image available**

ECM AND EMM DISTRIBUTION FOR MULTIMEDIA MULTICAST CONTENT

DISTRIBUTION ECM ET EMM POUR CONTENU MULTIMEDIA MULTIDESTINATAIRE

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
US, US (Residence), US (Nationality)

Inventor(s):

PETERKA Petr, 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
SPRUNK Eric, 7309 Bolero Street, Carlsbad, CA 92009, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US

Legal Representative:

VOBACH William F (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200263850 A2-A3 20020815 (WO 0263850)

Application: WO 2001US51362 20011026 (PCT/WO US0151362)

Priority Application: US 2000243925 20001026

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15365

Inventor(s):

PETERKA Petr ...

7/3,K/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00927932 **Image available**

INITIAL VIEWING PERIOD FOR AUTHORIZATION OF MULTIMEDIA CONTENT

PERIODE DE VISIONNEMENT POUR UNE AUTORISATION EXTENSIBLE D'UN CONTENU
MULTIMEDIA EN CONTINU

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
US, US (Residence), US (Nationality)

Inventor(s):

PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US,
SPRUNK Eric, 7309 Bolero Street, Carlsbad, CA 92009, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US

Legal Representative:

KULAS Charles J (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200262054 A2-A3 20020808 (WO 0262054)

Application: WO 2001US51051 20011026 (PCT/WO US0151051)

Priority Application: US 2000243925 20001026

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16326

Inventor(s):

PETERKA Petr ...

?

15/5/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01297409

METHOD AND APPARATUS FOR MANAGING MULTIPLE APPLICATIONS IN LARGE SCALE NETWORKS

VERFAHREN UND GERAT ZUR VERWALTUNG VON MEHREREN ANWENDUNGSPROGRAMMEN IN GROSSFLACHIGEN NETZWERKEN

PROCEDE ET APPAREIL PERMETTANT DE GERER DE MULTIPLES APPLICATIONS DANS DES RESEAUX A GRANDE ECHELLE

PATENT ASSIGNEE:

General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham, Pennsylvania 19044, (US), (Proprietor designated states: all)

INVENTOR:

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DEL SORDO, Chris, 229 Heatherfield Drive, Souderton, PA 18964, (US)
ERINOFF, Mark, A., 195 Middle Park Drive, Souderton, PA 18964, (US)
DIFIGLIA, Michael, 1127 Westbury Road, Jenkintown, Pennsylvania 19046, (US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 1234451 A1 020828 (Basic)
EP 1234451 B1 030507
WO 2001031920 010503

APPLICATION (CC, No, Date): EP 99974142 991022; WO 99US24745 991022

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; (Pub B): DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16

CITED PATENTS (EP B): EP 399200 A; US 5654746 A; US 5734589 A; US 5951639 A

CITED PATENTS (WO A): EP 399200 A ; US 5654746 A ; US 5951639 A ; US

5734589 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application : 010627 A1 International application . (Art. 158(1))

Application : 010627 A1 International application entering European phase

Application : 020828 A1 Published application with search report

Examination: 020828 A1 Date of request for examination: 20020418

Grant: 030507 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 200319 | 1325 |
| CLAIMS B | (German) | 200319 | 1195 |
| CLAIMS B | (French) | 200319 | 1514 |
| SPEC B | (English) | 200319 | 6638 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 10672 |
| Total word count - documents A + B | | | 10672 |

15/5/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS

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00983310

Digital coupons for pay television

Digitale Gutscheine für Bezahlfernsehen

Coupons numeriques pour la television a peage

PATENT ASSIGNEE:

General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham,
Pennsylvania 19044, (US), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 891084 A2 990113 (Basic)

EP 891084 A3 991020

APPLICATION (CC, No, Date): EP 98111861 980626;

PRIORITY (CC, No, Date): US 890066 970709

DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT EP 891084 A2

Digital coupons are selectively transmitted in a communication network to subscriber terminals for promotional purposes. Subscribers automatically receive coupon credits when they meet the preconditions of the digital coupons. Free or reduced price pay-per-view (PPV) programming in particular may be provided when a subscriber purchases a given number of PPV programs at a regular price. The terminals maintain a running balance of available coupon credits and inform the subscriber via a user interface of the available balance. Subscribers can be rewarded for viewing commercial messages by awarding coupons which can be immediately redeemed for PPV programs. With an optional report back capability, terminal usage pattern data can be retrieved and analyzed by program service providers to determine the effectiveness of the promotions and to gather additional demographic and individual data. The integrity of the scheme is assured with encryption techniques.

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 000614 A2 Date of request for examination: 20000418

Application : 990113 A2 Published application (Alwith Search Report
;A2without Search Report)

Search Report: 991020 A3 Separate publication of the search report

Change: 991027 A2 International Patent Classification changed:
19990903

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9902 | 1550 |
| SPEC A | (English) | 9902 | 9090 |
| Total word count - document A | | | 10640 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 10640 |

15/5/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00867851

Digital audio system with video display of the program guide
Digitales Tonsystem mit Videoanzeige der Programmübersicht
Systeme audio numerique avec affichage video du guide des programmes
PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION, (264772), 2200 Byberry Road, Hatboro,
Pennsylvania 19040, (US), (applicant designated states:
BE;DK;FI;GB;IE;NL;SE)

INVENTOR:

Robbins, Clyde, 1524 Terrace Drive, Maple Glen, PA 19002, (US)
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Nasuti, Tony, 907 Kennedy Court, Norristown, PA 19403, (US)
Maraska, John F., 2007 Maplewood Avenue, Abington, PA 19001, (US)
Palmer, Douglas W., 2161 Alexander Drive, W. Norriton, PA 19403, (US)
Stein, Robert C., 5738 Belaire Drive, Coopersburg, PA 18036, (US)

LEGAL REPRESENTATIVE:

Cooper, John et al (76421), Murgitroyd & Company, Chartered Patent
Agents, 373 Scotland Street, Glasgow G5 8QA, (GB)

PATENT (CC, No, Kind, Date): EP 797322 A2 970924 (Basic)
EP 797322 A3 981223

APPLICATION (CC, No, Date): EP 96308271 961115;

PRIORITY (CC, No, Date): US 620019 960321

DESIGNATED STATES: BE; DK; FI; GB; IE; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16 ; H04H-001/04

ABSTRACT EP 797322 A2

In a CATV network, there is described a method for providing an audio programming guide in which a subscriber's television is utilised as the preferred graphical interface to simultaneously provide channel in-band and out-of-band **program** information to a subscriber. A subscriber may tune, view and select from among a plurality of digital audio channels and analog video channels. In-band and out-of-band information is integrated into a multi-page **program** guide displayed on a subscriber's television. This integration permits subscribers to visually scan and view information about currently playing selections available on other channels without having to switch to them. While listening to a music selection, the subscriber may navigate through the **program** guide. **Program** information such as the title of a song, artist and record label are also displayed. A CATV settop terminal incorporating such an audio programming guide is also disclosed.

ABSTRACT WORD COUNT: 142

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010516 A2 Legal representative(s) changed 20010323

Application : 970924 A2 Published **application** (Alwith Search Report
;A2without Search Report)

Examination: 021113 A2 Date of dispatch of the first examination
report: 20021001

Search Report: 981223 A3 Separate publication of the European or
International search report

Change: 981223 A2 International patent classification (change)

Change: 981223 A2 Obligatory supplementary classification
(change)

Change: 981230 A2 Title of invention (French) (change)

Examination: 990818 A2 Date of request for examination: 19990617

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|-----------|--------|------------|
| CLAIMS A | (English) | 9709W3 | 1907 |

SPEC A (English) 9709W3 9279
Total word count - document A 11186
Total word count - document B 0
Total word count - documents A + B 11186

15/5/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00793103

Data security scheme for point-to-point communication sessions
Datensicherungsschema für Punkt-zu-Punkt Kommunikationssitzungen
Schema de protection de données pour sessions de communication
point-a-point

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham,
PA 19044, (US), (Proprietor designated states: all)

INVENTOR:

Kauffman, Marc W., 270 Wenner Way, Ft. Washington, Pennsylvania 19034,
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LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 739135 A1 961023 (Basic)
EP 739135 B1 000531

APPLICATION (CC, No, Date): EP 96105894 960415;

PRIORITY (CC, No, Date): US 420710 950419

DESIGNATED STATES: DE; FR; GB; SE

INTERNATIONAL PATENT CLASS: H04N-007/16

CITED PATENTS (EP B): EP 594353 A; WO 94/19909 A

ABSTRACT EP 739135 A1

Secure point-to-point communication of information to specific terminals is provided via a shared network. Far in advance of the establishment of an information session with a particular one of a plurality of terminals, a unique session identifier is securely delivered to the terminal by a highly secure entity. Information to be provided to the terminal is subsequently encrypted under the session identifier of that terminal by an insecure connection manager. The encrypted information is inserted into designated locations in a signal multiplex. The signal multiplex is transmitted over a portion of the network serving the terminal that is to receive the information. The terminal is informed of the designated locations of the encrypted information in the signal multiplex and of a transmission frequency at which the signal multiplex is carried on the network portion. The terminal tunes to the transmission frequency to locate the signal multiplex, recovers the encrypted information from the designated locations in the multiplex, and then decrypts the information using the terminal's unique session identifier. (see image in original document)

ABSTRACT WORD COUNT: 203

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 000531 B1 Granted patent

Application : 961023 A1 Published application (A1with Search Report
;A2without Search Report)

Lapse: 010704 B1 Date of lapse of European Patent in a
contracting state (Country, date): SE

20000831,

Oppn None: 010516 B1 No opposition filed: 20010301

Examination: 970423 A1 Date of filing of request for examination: 970222

*Assignee: 981007 A1 Applicant (transfer of rights) (change):
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*Assignee: 981007 A1 Previous applicant in case of transfer of
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(applicant designated states: DE;FR;GB;SE)

*Assignee: 981014 A1 Applicant (transfer of rights) (change):
GENERAL SEMICONDUCTOR, Inc. (2552760) 10
Melville Park Road Melville, NY 11747-3113 (US)
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*Assignee: 981014 A1 Previous applicant in case of transfer of
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(2552750) 10 Melville Park Road Melville, NY
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*Assignee: 981021 A1 Applicant (transfer of rights) (change):
GENERAL INSTRUMENT CORPORATION (2532982) 101
Tournament Drive Horsham, PA 19044 (US)
(applicant designated states: DE;FR;GB;SE)

*Assignee: 981021 A1 Previous applicant in case of transfer of
rights (change): GENERAL SEMICONDUCTOR, Inc.
(2552760) 10 Melville Park Road Melville, NY
11747-3113 (US) (applicant designated states:
DE;FR;GB;SE)

Examination: 990203 A1 Date of despatch of first examination report: 981221

Change: 990728 A1 Title of invention (German) (change)

Change: 990728 A1 Title of invention (English) (change)

Change: 990728 A1 Title of invention (French) (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 200022 | 1266 |
| CLAIMS B | (German) | 200022 | 1162 |
| CLAIMS B | (French) | 200022 | 1441 |
| SPEC B | (English) | 200022 | 4358 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 8227 |
| Total word count - documents A + B | | | 8227 |

15/5/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00785533

Functionally modifiable cable television converter system

Kabelfernsehkonvertersystem mit modifizierbarer Funktion

Systeme convertisseur pour television par cable fonctionnellement modifiable

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham, PA 19044, (US), (Proprietor designated states: all)

INVENTOR:

Kauffman, Marc W., 420 Franklin Avenue, Cheltenham, Pennsylvania 19012,
(US)
Miller, Michael R., 904 Cherry Lane, Riverton, New Jersey 08077, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 732850 A1 960918 (Basic)
EP 732850 B1 020123
APPLICATION (CC, No, Date): EP 96108778 900412;
PRIORITY (CC, No, Date): US 357174 890525
DESIGNATED STATES: AT; BE; CH; DE; DK; FR; GB; IT; LI; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 399200 (EP 90107108)
INTERNATIONAL PATENT CLASS: H04N-007/16
CITED PATENTS (EP B): EP 132401 A; EP 187973 A; GB 2118750 A; US 4623920 A;
US 4710955 A
CITED REFERENCES (EP B):
SCHNEPERS C: 'Der Schlüssel zum Scrambling-Problem?' FUNKSCHAU no. 5, 24
February 1989, pages 59 - 62;

ABSTRACT EP 732850 A1

A cable television converter with remotely modifiable functionality receives firmware downloaded over a cable television network. The integrity of the firmware is verified, and if valid, the firmware is executed to provide one or more converter functions. If the firmware is invalid, default operation software contained in ROM is executed instead of the firmware to return the converter to baseline operation. In one embodiment, the converter includes a frequency agile data receiver to receive control instructions on a first data channel and firmware on a second data channel. The receiver is forced back to the first channel if a successful firmware download does not occur on the second channel within a predetermined time period. The firmware is continuously transmitted in short segments, and the converter can continue to receive segments until all the segments of a designated firmware package have been successfully downloaded, unless the predetermined time limit expires sooner. (see image in original document)

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 020123 B1 Granted patent
Application : 960918 A1 Published application (A1with Search Report
;A2without Search Report)
Lapse: 031112 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020123, BE 20020123, CH 20020123, LI
20020123, DK 20020423, NL 20020123, SE
20020423,
Lapse: 030205 B1 Date of lapse of European Patent in a
contracting state (Country, date): BE
20020123, CH 20020123, LI 20020123, SE
20020423,
Lapse: 030102 B1 Date of lapse of European Patent in a
contracting state (Country, date): CH
20020123, LI 20020123, SE 20020423,
Lapse: 020911 B1 Date of lapse of European Patent in a
contracting state (Country, date): SE
20020423,
Oppn None: 030115 B1 No opposition filed: 20021024

Lapse: 030226 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20020123, BE 20020123, CH 20020123, LI 20020123, NL 20020123, SE 20020423,

Change: 961211 A1 Inventor (change)

Examination: 970507 A1 Date of filing of request for examination: 970307

Change: 981014 A1 Representative (change)

*Assignee: 981014 A1 Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2532982) 101 Tournament Drive Horsham, PA 19044 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)

*Assignee: 981014 A1 Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783080) 181 West Madison Street Chicago, Illinois 60602 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE), NextLevel Systems, Inc. (2532980) 101 Tournament Drive Horsham, PA 19044 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)

Examination: 990609 A1 Date of despatch of first examination report: 990426

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB96 | 1459 |
| CLAIMS B | (English) | 200204 | 1828 |
| CLAIMS B | (German) | 200204 | 1613 |
| CLAIMS B | (French) | 200204 | 2173 |
| SPEC A | (English) | EPAB96 | 6816 |
| SPEC B | (English) | 200204 | 7039 |
| Total word count - document A | | | 8276 |
| Total word count - document B | | | 12653 |
| Total word count - documents A + B | | | 20929 |

15/5/6 (Item 6 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00594467
IPPV programming distribution control system
Steuersystem zur Verteilung von Vorauszahlungsprogrammen
Systeme de commande pour la distribution de programmes a prepalement
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham, PA 19044, (US), (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
INVENTOR:
Bennett, Christopher John, 4820 Vista Street, San Diego, California 92116, (US)
LEGAL REPRESENTATIVE:
Blatchford, William Michael et al (48801), Withers & Rogers 4 Dyer's Buildings Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date): EP 592011 A1 940413 (Basic)
EP 592011 B1 990224
APPLICATION (CC, No, Date): EP 93118075 890928;
PRIORITY (CC, No, Date): US 255117 881007
DESIGNATED STATES: BE; CH; DE; FR; GB; LI; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):

EP 363081 (EP 893099085)
INTERNATIONAL PATENT CLASS: H04N-007/167; H04N-007/16
CITED PATENTS (EP A): EP 187961 A; EP 200310 A; US 4751732 A; WO 8500718 A;
EP 161913 A

ABSTRACT EP 592011 A1

A distribution control system for controlling the distribution of scrambled impulse pay per view (IPPV) television programming from a plurality of different IPPV **programmers** to a plurality of descramblers (20, 21). The system includes a plurality of business data processing systems (10, 11), a plurality of channel control systems (14, 15) respectively related to a plurality of the given IPPV **programmers**, and an IPPV data management system (17). The business data processing systems (10, 11) provide IPPV authorization data (39, 40) for a plurality of different IPPV **programmers** pertaining to individual descramblers (20, 21). Each of the channel control systems (14, 15) provides descrambler messages (33, 34) containing IPPV status data for individual IPPV programs. The IPPV data management system (17) processes the IPPV authorization data provided by the business data processing systems (10, 11) to provide descrambler messages 42 unique to each descrambler (20, 21) containing IPPV authorization data pertaining to the individual descrambler. Each of the individual descrambler messages (42) provided by the IPPV data management system (17) contains a plurality of tier authorization bits, with the position of each bit identifying a tier of IPPV programs and each bit indicating whether purchase by the individual descrambler (20, 21) is authorized for the tier identified by such bit. The descrambler messages (42) provided by a plurality of the channel control systems (14, 15) for a respective plurality of different IPPV **programmers** each contains an IPPV status bit in a respectively different position for processing with the tier authorization bits of the individual descrambler message, with each IPPV status bit indicating whether or not purchase of IPPV programming provided by the respective IPPV **programmer** is authorized. (see image in original document)

ABSTRACT WORD COUNT: 284

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 020717 B1 Date of lapse of European Patent in a contracting state (Country, date): SE 19990224,
Oppn None: 20000216 B1 No opposition filed: 19991125
Application : 940413 A1 Published **application** (A1with Search Report ;A2without Search Report)
Examination: 940831 A1 Date of filing of request for examination: 940701
*Assignee: 950517 A1 Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1403171) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee: 950517 A1 Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION (264772) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
Examination: 970205 A1 Date of despatch of first examination report: 961220
Change: 981007 A1 Representative (change)
Change: 981007 A1 Representative (change)
*Assignee: 981007 A1 Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2532982) 101 Tournament Drive Horsham, PA 19044 (US)

(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee: 981007 A1 Applicant (transfer of rights) (change):
GENERAL INSTRUMENT CORPORATION (2532982) 101
Tournament Drive Horsham, PA 19044 (US)
(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee: 981007 A1 Previous applicant in case of transfer of
rights (change): GENERAL INSTRUMENT CORPORATION
OF DELAWARE (1403171) 2200 Byberry Road
Hatboro, Pennsylvania 19040 (US) (applicant
designated states: BE;CH;DE;FR;GB;LI;NL;SE),
NextLevel Systems, Inc. (2532980) 101
Tournament Drive Horsham, PA 19044 (US)
(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)

Grant: 990224 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 9907 | 816 |
| CLAIMS B | (German) | 9907 | 779 |
| CLAIMS B | (French) | 9907 | 837 |
| SPEC B | (English) | 9907 | 5608 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 8040 |
| Total word count - documents A + B | | | 8040 |

15/5/7 (Item 7 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00472875
System for maintaining scrambling security in a communication network
System zur Bewahrung der Verschlusselungssicherheit eines Nachrichtennetzes
Systeme pour le maintien de la securite du codage dans un reseau de
communication

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1783080), 181 West Madison
Street, Chicago, Illinois 60602, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)

INVENTOR:

Esserman, James Neil, 3844 Radcliffe Lane, San Diego, California 92122,
(US)
Heller, Jerrold A., 4932 Rancho Viejo Drive, Del Mar, California 92014,
(US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 485887 A2 920520 (Basic)
EP 485887 A3 921209
EP 485887 B1 970806

APPLICATION (CC, No, Date): EP 91118977 911107;

PRIORITY (CC, No, Date): US 614940 901116

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16

CITED PATENTS (EP A): EP 127381 A; WO 8806826 A; US 4991208 A; US 5029207 A

CITED REFERENCES (EP A):

IEEE INTERNATIONAL CONFERENCE on CONSUMER ELECTRONICS, 6-8 June, 1990,
Rosemont, Illinois, US, pages 316-317; P.J.Y. PERYET: 'Defeating pay-TV

pirates with smart cards'
INTERNATIONAL CONFERENCE on SECURE COMMUNICATION SYSTEMS, 22-23 February,
1984, IEE, London , GB, pages 66-69; A.G. MASON: 'A pay-per-view
conditional access system for DBS by means of secure over-air credit
transmissions';

ABSTRACT EP 485887 A2

A secure communication network serves a plurality of terminals (30, 34, 38) grouped into different security categories. Each terminal includes a replaceable security element (32, 36, 40) containing a security algorithm specific to the security category to which the terminal is assigned. Upon the breach of a particular security version, the security elements in the affected category are replaced with new elements containing a different algorithm. The security elements are relatively low cost, and can be replaced on an as needed or periodic basis to maintain system security.
(see image in original document)

ABSTRACT WORD COUNT: 95

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 20000202 B1 Date of lapse of European Patent in a
contracting state (Country, date): GR
19970806, IT 19970806,
Application : 920520 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 921209 A3 Separate publication of the European or
International search report
Examination: 930428 A2 Date of filing of request for examination:
930227
*Assignee: 940803 A2 Applicant (transfer of rights) (change): GI
CORPORATION (1739540) 2200 Byberry Road
Hatboro, Pennsylvania 19040 (US) (applicant
designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)
*Assignee: 940921 A2 Applicant (transfer of rights) (change):
GENERAL INSTRUMENT CORPORATION OF DELAWARE
(1783080) 181 West Madison Street Chicago,
Illinois 60602 (US) (applicant designated
states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)
Examination: 950405 A2 Date of despatch of first examination report:
950220
Grant: 970806 B1 Granted patent
Oppn None: 980729 B1 No opposition filed
Lapse: 991020 B1 Date of lapse of European Patent in a
contracting state (Country, date): IT 19970806

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 9708W1 | 1075 |
| CLAIMS B | (German) | 9708W1 | 1060 |
| CLAIMS B | (French) | 9708W1 | 1225 |
| SPEC B | (English) | 9708W1 | 2991 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 6351 |
| Total word count - documents A + B | | | 6351 |

15/5/8 (Item 8 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00459118

Addressable control system for CATV program distribution.
Adressierbares Steuerungssystem zur Verteilung von Kabelfernsehseendungen.
Systeme de commande adressable pour la distribution de programmes de television par cable.

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION, (264771), 767 Fifth Avenue, New York New York 10153, (US), (applicant designated states: BE;CH;DE;DK;FR;GB;LI;NL;SE)

INVENTOR:

Martin, Thomas F., 1629 Villanova Drive, Richardson, Texas 75081, (US)
Chenoweth, John Stephen, 1405 Angelina Bend Drive, Denton, Texas 76205, (US)

Tinguely, Paul R., 3108 Meadow Wood Lane, Bedford, Texas 76021, (US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, W-7000 Stuttgart 1, (DE)

PATENT (CC, No, Kind, Date): EP 452717 A2 911023 (Basic)

EP 452717 A3 930210

APPLICATION (CC, No, Date): EP 91104847 910327;

PRIORITY (CC, No, Date): US 510287 900416

DESIGNATED STATES: BE; CH; DE; DK; FR; GB; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16 ; H04H-001/02

CITED PATENTS (EP A): US 4823386 A; US 4823386 A; US 4878245 A; US 4810898 A

ABSTRACT EP 452717 A2

Remote control of subscriber access to premium programs on a cable television system or the like is provided. A signal path (13) carries program signals received from a cable television system. A switchable port (20) coupled to the signal path is identified by a logical channel number. First data are received and stored from the cable television system assigning a service code to the logical channel. Second data are received and stored from the cable television system identifying authorized service codes. The assigned logical channel service code is periodically compared to the stored authorized service codes to determine if the logical channel is authorized. The port (20) is switched to provide or deny access to a program signal carried on the signal path, depending on whether the service code assigned to the logical channel identifying the port is authorized. A plurality of ports (20,22,24,26) can be provided to enable subscriber access to different premium services. Each port (20,22,24,26) can couple a trap (30,32,34,36) to the signal path, alternately bypass the trap, or alternately open the signal path to disconnect a subscriber. (see image in original document)

ABSTRACT WORD COUNT: 188

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application : 911023 A2 Published application (A1with Search Report ;A2without Search Report)

Change: 930203 A2 Obligatory supplementary classification (change)

Search Report: 930210 A3 Separate publication of the European or International search report

Withdrawal: 940406 A2 Date on which the European patent application was deemed to be withdrawn: 930811

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|-------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 2414 |
| SPEC A | (English) | EPABF1 | 7758 |
| Total word count - document A | | | 10172 |

Total word count - document B 0
Total word count - documents A + B 10172

15/5/9 (Item 9 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00391495

Functionally modifiable cable television converter system
Kabelfernsehkonvertersystem mit modifizierbarer Funktion
Systeme convertisseur pour television par cable fonctionnellement
modifiable

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1783080), 181 West Madison
Street, Chicago, Illinois 60602, (US), (applicant designated states:
AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)

INVENTOR:

Kauffman, Marc W., 420 Franklin Avenue, Cheltenham, Pennsylvania 19012,
(US)

Miller, Michael R., 98 Onieda Avenue, Moorestown, New Jersey 08057, (US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 399200 A2 901128 (Basic)
EP 399200 A3 920708
EP 399200 B1 970618

APPLICATION (CC, No, Date): EP 90107108 900412;

PRIORITY (CC, No, Date): US 357174 890525

DESIGNATED STATES: AT; BE; CH; DE; DK; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16

CITED PATENTS (EP A): US 4623920 A; EP 187973 A; EP 132401 A; US 4623920 A

CITED REFERENCES (EP A):

FUNKSCHAU, no. 5, 24th February 1989, pages 59-62; C. SCHEPERS: "Der
Schlüssel zum Scrambling-Problem?";

ABSTRACT EP 399200 A2

A cable television converter with remotely modifiable functionality receives firmware downloaded over a cable television network. The integrity of the firmware is verified and if valid, the firmware is executed to provide one or more converter functions. If the firmware is invalid, default operation software contained in ROM is executed instead of the firmware to return the converter to baseline operation. In one embodiment, the converter includes a frequency agile data receiver to receive control instructions on a first data channel and firmware on a second data channel. The receiver is forced back to the first channel if a successful firmware download does not occur on the second channel within a predetermined time period. The firmware is continuously transmitted in short segments, and the converter can continue to receive segments until all the segments of a designated firmware package have been successfully downloaded, unless the predetermined time limit expires sooner. (see image in original document)

ABSTRACT WORD COUNT: 159

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application : 901128 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 920708 A3 Separate publication of the European or
International search report

Examination: 921202 A2 Date of filing of request for examination:
921006

*Assignee: 940803 A2 Applicant (transfer of rights) (change): GI CORPORATION (1739540) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)

*Assignee: 940921 A2 Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783080) 181 West Madison Street Chicago, Illinois 60602 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)

Examination: 940928 A2 Date of despatch of first examination report: 940812

Change: 970618 A2 Miscellaneous (change)

Grant: 970618 B1 Granted patent

Oppn None: 980610 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 1910 |
| CLAIMS B | (English) | EPAB97 | 781 |
| CLAIMS B | (German) | EPAB97 | 717 |
| CLAIMS B | (French) | EPAB97 | 899 |
| SPEC A | (English) | EPABF1 | 6549 |
| SPEC B | (English) | EPAB97 | 7140 |
| Total word count - document A | | | 8459 |
| Total word count - document B | | | 9537 |
| Total word count - documents A + B | | | 17996 |

15/5/10 (Item 10 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
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00369977

Impulse pay per view programming distribution control system.
Steuersystem zur Verteilung von Vorauszahlungsprogrammen.
Système de commande pour la distribution de programmes a prepalement.

PATENT ASSIGNEE:
 GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1403171), 2200 Byberry Road, Hatboro, Pennsylvania 19040, (US), (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)

INVENTOR:
 Bennett, Christopher John, 4820 Vista Street, San Diego California 92116, (US)

LEGAL REPRESENTATIVE:
 Blatchford, William Michael et al (48801), Withers & Rogers 4 Dyer's Buildings Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 363081 A2 900411 (Basic)
 EP 363081 A3 910925
 EP 363081 B1 940615

APPLICATION (CC, No, Date): EP 89309908 890928;
 PRIORITY (CC, No, Date): US 255117 881007
 DESIGNATED STATES: BE; CH; DE; FR; GB; LI; NL; SE
 INTERNATIONAL PATENT CLASS: H04N-007/16 ; H04N-007/167
 CITED PATENTS (EP A): EP 187961 A; EP 164983 A; EP 180460 A; US 4475123 A;
 WO 8500718 A; US 4751732 A

ABSTRACT EP 363081 A2

A distribution control system for controlling the distribution of scrambled impulse pay per view (IPPV) programming from a plurality of different IPPV programmers to a plurality of descramblers (20, 21). The

system includes a plurality of business data processing systems (10, 11) a plurality of channel control systems (14, 15) respectively related to a plurality of the given IPPV **programmers** , and an IPPV management system (17.). The business data processing systems (10, 11) process view history data (24, 25) identifying descrambled IPPV programs and credit data for individual descramblers and cost data (33, 34) for IPPV programs provided by given IPPV **programmers** and provide credit data and IPPV authorization data (39, 40)pertaining to individual descramblers (20, 21). Each of the channel control systems (14, 15)provides descrambler messages (33, 34) containing identification, cost and IPPV status data for individual IPPV programs. The IPPV data management system (17) processes the credit data and IPPV authorization data (39, 40) provided by the business data processing systems (10, 11) to provide descrambler messages 42 unique to each descrambler(20, 21) containing credit data and IPPV authorization data pertaining to the individual descrambler. The IPPV management system (17)also sorts the IPPV **program** identification and cost data (33, 34) provided by the channel control systems (14, 15) in accordance with which business data processing systems (10, 11)process data for those IPPV programs provided by the respective given IPPV **programmers** , and sorts view history data (24, 25) provided by the descramblers (20, 21) in accordance with which business data processing systems (10, 11) process data for the respective descramblers (20, 21) for the IPPV **programmers** that provide the IPPV programs identified in the view history data provided by the respective descramblers; and forwards the sorted IPPV **program** identification and cost data and the sorted view history data(36, 37)to the respective business data processing systems (10, 11).

ABSTRACT WORD COUNT: 316

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application : 900411 A2 Published **application** (A1with Search Report ;A2without Search Report)

Search Report: 910925 A3 Separate publication of the European or International search report

Examination: 920108 A2 Date of filing of request for examination: 911111

Examination: 921223 A2 Date of despatch of first examination report: 921105

***Assignee:** 940525 A2 Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1403171) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)

Grant: 940615 B1 Granted patent

Oppn None: 950607 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPBBF1 | 2088 |
| CLAIMS B | (English) | EPBBF1 | 1503 |
| CLAIMS B | (German) | EPBBF1 | 1458 |
| CLAIMS B | (French) | EPBBF1 | 1938 |
| SPEC A | (English) | EPBBF1 | 5246 |
| SPEC B | (English) | EPBBF1 | 5337 |
| Total word count - document A | | | 7334 |
| Total word count - document B | | | 10236 |
| Total word count - documents A + B | | | 17570 |

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00216549

Cryptographic system for a direct broadcast by satellite network.

Verschlusssystem für ein Satellitennetzwerk mit Direktübertragung.

Système de cryptage pour une transmission directe par circuit de satellite.

PATENT ASSIGNEE:

GENERAL INSTRUMENT CORPORATION, (264771), 767 Fifth Avenue, New York New York 10153, (US), (applicant designated states: BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

Horne, Donald R., 20 Edgecliff Golfway 403, Don Mills Ontario, (CA)
Jeffers, John M., 141 Shaftesbury Street, 3 Downsview Ontario M3A 5M3, (CA)

LEGAL REPRESENTATIVE:

Allam, Peter Clerk et al (27601), LLOYD WISE, TREGEAR & CO. Norman House 105-109 Strand, London WC2R 0AE, (GB)

PATENT (CC, No, Kind, Date): EP 194769 B1 920506 (Basic)

APPLICATION (CC, No, Date): EP 86301211 860220;

PRIORITY (CC, No, Date): US 710385 850311

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16 ; H04L-009/00

CITED PATENTS (EP A): US 4447828 A; WO 8301881 A; WO 8500718 A; EP 123360 A

ABSTRACT EP 194769 A1

Cryptographic system for a direct broadcast by satellite network.

A cryptographic system is used for the secure transmission of digitized signals to a plurality of receivers. At the transmission end, a key consisting of two blocks (A,B), each including a plurality of key fragments, is generated. For each transmission session, different sets of key fragments may be periodically selected (13) from one of the key blocks and used to encrypt the signals (12). Data indicative of the set selection (19) is generated. The key is distributed to each receiver. The set selection data is transmitted to all receivers along with the encrypted signals and used to construct the key fragment set for decryption of the transmitted signals. During the transmission session, the other key block may be varied to form a replacement key which is distributed to each receiver. At the end of the session, the functions of the key blocks are interchanged in all receivers at one time by selecting a set in the varied key block for use in encryption and decryption.

ABSTRACT WORD COUNT: 176

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 870408 A1 Date of filing of request for examination: 870130

Examination: 891115 A1 Date of despatch of first examination report: 890929

Grant: 920506 B1 Granted patent

Lapse: 921202 B1 Date of lapse of the European patent in a Contracting State: CH 920506, LI 920506

Lapse: 921230 B1 Date of lapse of the European patent in a Contracting State: CH 920506, LI 920506, NL 920506

Lapse: 930331 B1 Date of lapse of the European patent in a Contracting State: BE 920506, CH 920506, LI 920506, NL 920506

Oppn None: 930428 B1 No opposition filed

Lapse: 991020 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19920506, CH 19920506, LI 19920506, IT 19920506, NL 19920506,

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | EPBBF1 | 1702 |
| CLAIMS B | (German) | EPBBF1 | 1664 |
| CLAIMS B | (French) | EPBBF1 | 1849 |
| SPEC B | (English) | EPBBF1 | 6403 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 11618 |
| Total word count - documents A + B | | | 11618 |
| ? | | | |

File 344:Chinese Patents Abs Aug 1985-2003/Nov
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200403
(c) 2004 Thomson Derwent

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| Set | Items | Description |
|-----|-------|---|
| S1 | 8839 | ((SECURITY OR AUTHORI?) (3N) (POLIC? OR MODULE? ? OR CONDITI- ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM? OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S2 | 375 | S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR WEBTV OR WEB()TV OR INTERNET(3N)TV) |
| S3 | 3 | (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA- ND OR VOD OR PAY()PER()VIEW OR PPW) (10N) (PARENTAL() (LOCKOUT? - OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?) |
| S4 | 0 | S3 AND S1 |
| S5 | 137 | S2 AND (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR- ESENT OR USER? ? OR CHANNEL OR TUNER) (3N) (STATE? ? OR PREFERE- NCE? ? OR ENVIRONMENT? OR SELECT?)) |
| S6 | 20 | (CONDITION? OR EXPRESSION?) AND S5 |
| S7 | 20 | IDPAT S6 (sorted in duplicate/non-duplicate order) |
| S8 | 6 | S7 AND AD=19980619:20010000/PR |
| S9 | 4 | S7 AND AD=20010000:20040115/PR |
| S10 | 12 | S7 NOT (S8 OR S9) |
| S11 | 117 | S5 NOT S6 |
| S12 | 33 | S11 AND AD=20010000:20040115/PR |
| S13 | 37 | S11 AND AD=19980619:20010000/PR |
| S14 | 62 | S11 NOT (S12 OR S13) |
| S15 | 62 | IDPAT (sorted in duplicate/non-duplicate order) |
| S16 | 61 | IDPAT (primary/non-duplicate records only) |
| S17 | 12 | S16 AND IC=H04N-007/16 |

10/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06343139 **Image available**
CABLE TV -TELEPHONE COMPOSITE ACCESS SYSTEM AND ITS METHOD, AND MEDIUM FOR
STORING COMPOSITE ACCESS PROGRAM

PUB. NO.: 11-284743 [JP 11284743 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): FUNAMOTO TORU
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-100655 [JP 98100655]
FILED: March 27, 1998 (19980327)

CABLE TV -TELEPHONE COMPOSITE ACCESS SYSTEM AND ITS METHOD, AND MEDIUM FOR
STORING COMPOSITE ACCESS PROGRAM

ABSTRACT

PROBLEM TO BE SOLVED: To attain efficient system operation by reducing an access time so as to eliminate the need for setting of troublesome access conditions for each system, and to select a specified access system at a prescribed time in matching with the operation purpose.

SOLUTION: The incoming signal reception section 13 of a center 14 detects collision of incoming call signals to inform an access control means 11 of the state of an access channel. The access control means 11 selects an access system suitable for avoidance of collision among a contention system...

...and a group system prepared in advance based on the collision state, and sends the state of the access channel to an outgoing signal transmission section 12. The outgoing signal transmission section 12 multiplexes the state of the access channel to an access channel state storage area of a transmission frame and an access channel data storage area, and sends...

10/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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03214178 **Image available**
REMOTE CONTROLLER FOR ROOM CONTROL DEVICE

PUB. NO.: 02-189678 [JP 2189678 A]
PUBLISHED: July 25, 1990 (19900725)
INVENTOR(s): KUNO ATSUSHI
APPLICANT(s): OMRON TATEISI ELECTRON CO [000294] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-010233 [JP 8910233]
FILED: January 18, 1989 (19890118)
JOURNAL: Section: P, Section No. 1117, Vol. 14, No. 474, Pg. 27, October 16, 1990 (19901016)

...JAPIO CLASS: Computer Applications); 31.9 (PACKAGING...

ABSTRACT

... and including the ID number in a transmission signal as information for

collation at the time of opening a door...

... X2 as an ID number and transmitting these numbers as a collating number at the time of opening the door, the same function as that of an ordinary key can be...

...18 can be used for the normal operation of an electronic apparatus (e.g. a TV monitor 11) as a matter of course in the room. In the case of changing...

...specific key operation before the change of the ID number is set up as a condition. Consequently, the security can be furthermore improved.

10/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014308507 **Image available**
WPI Acc No: 2002-129210/200217
Related WPI Acc No: 2000-571252
XRPX Acc No: N02-097384

Television receiver with conditional access providing facility to programs in TV broadcast system, performs program blanking for non-authorized program rating level on receiving no code and blanking control signals

Patent Assignee: SOUNDVIEW TECHNOLOGIES INC (SOUN-N)

Inventor: ELAM C M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 6216263 | B1 | 20010410 | US 9866215 | A | 19980424 | 200217 B |

Priority Applications (No Type Date): US 9866215 A 19980424

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|-------------|----------|--------------|
| US 6216263 | B1 | 14 | H04N-007/16 | | |

Television receiver with conditional access providing facility to programs in TV broadcast system, performs program blanking for non-authorized program rating level on receiving no code and blanking control signals

Abstract (Basic):

... Data signal derivation circuit (58) separates data signal and program signal from which program rating signal is derived. No code signal is generated on detecting absence of rating signal. Data signal is monitored and blanking control signal is provided when portion of data signal falls below preset value. Based on no code signal and blanking signal, program is blanked for non-authorized program rating level.

... An INDEPENDENT CLAIM is also included for program access control method...

...To provide parental control over viewing by children of television programs broadcasts over television broadcast system...

...Ensures reliability in confirming in program rating data by using digital parity error rate detection circuit...

Title Terms: TELEVISION ;

10/3,K/4 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012998974 **Image available**
WPI Acc No: 2000-170826/200015
XRPX Acc No: N00-127015

Dynamic security method for controlling access to function of digital television receiver

Patent Assignee: GEN INSTR CORP (GENN)
Inventor: PETERKA P

Number of Countries: 087 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|--------------|------|----------|----------|
| WO 9966714 | A1 | 19991223 | WO 99US10780 | A | 19990514 | 200015 B |
| AU 9939046 | A | 20000105 | AU 9939046 | A | 19990514 | 200024 |
| EP 1088446 | A1 | 20010404 | EP 99921973 | A | 19990514 | 200120 |
| | | | WO 99US10780 | A | 19990514 | |
| NO 200006437 | A | 20010216 | WO 99US10780 | A | 19990514 | 200123 |
| | | | NO 20006437 | A | 20001215 | |

Priority Applications (No Type Date): US 9889704 P 19980618

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9966714 A1 E 51 H04N-005/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9939046 A H04N-005/00 Based on patent WO 9966714

EP 1088446 A1 E H04N-005/00 Based on patent WO 9966714

Designated States (Regional): AT BE CH DE DK ES FR GB IE LI NL SE

NO 200006437 A H04N-000/00

Dynamic security method for controlling access to function of digital television receiver

Abstract (Basic):

... Based on a control signal, when associated security policy of software application is detected to be contained the permission for the software application to access the receiver function, it is determined whether the condition of receiver satisfies the data indicative of current state of receiver. When the condition is satisfied, the software application is allowed to access receiver function.

... A software application being executable in response to execution command, is provided in the receiver. Data defining a condition of receiver, under which the access to the receiver function by software application is permitted, is fed to the receiver. The condition indicates the conditional access state of receiver, including at least one of blackout state, pay-per-view state and an authorization state. The condition also indicates user state of receiver, comprising at least one of user preferences, user password and user identifier, and indicates at least one of time, date and day. The condition is also defined, at least in part, by software application. A control signal for requesting access to

the receiver function upon execution of **software application** , is generated. An INDEPENDENT CLAIM is also included for a dynamic security apparatus for **controlling access** to function of digital **television receiver**...

...For **controlling access** to receiver functionality and data from downloaded **application** in digital **television receiver** connected to computer, for receiving **Java language based applets** comprising animation, video clip, interactive game or other entertaining or educational tool, from cable or satellite **television network** or from separate telephone network...

...Provides user interface to allow user to define the permission of the **security policy** and data defining the **condition** . Allows service providers, consumer electronic (CE) manufacturers, end users or standards bodies such as advanced **television system committee (ATSC)** , to define flexible **security policies** for the execution of downloaded **applications** in **DTV receivers**. Provides **security policy** to be suitable for use with parental lockout functions, **rating controls** and circular blackout. Since the **condition** indicates **user state** of receiver, **user** can include **user preferences** e.g. favorite channels or types of **programs** , user password or user identifier like code or name identifying a particular user. Since the **condition** can also indicate one of **time** , **day** and **date** , access to **programming** may be limited to certain hours of the **day** , for children...

...The figure illustrates digital **television broadcast network**...

...Title Terms: **TELEVISION** ;

10/3,K/5 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011357211 **Image available**
WPI Acc No: 1997-335118/199731
XRPX Acc No: N97-278003

Wireless local area network for controlling household appliances - has transceiver and interface for each appliance to configure in response to command from network manager

Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: DAANE J; JAGGI S; ROSTOKER M D
Number of Countries: 006 Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 782117 | A1 | 19970702 | EP 96306741 | A | 19960917 | 199731 B |
| JP 9200229 | A | 19970731 | JP 96272434 | A | 19961015 | 199741 |

Priority Applications (No Type Date): US 95581130 A 19951229

Patent Details:

| Patent No | Kind | Lang | Pg | Main IPC | Filing Notes |
|--|------|------|----|-------------|--------------|
| EP 782117 | A1 | E | 5 | G08C-017/02 | |
| Designated States (Regional): DE FR GB IT NL | | | | | |
| JP 9200229 | A | | 6 | H04L-012/28 | |

...Abstract (Basic): Network operates by a network manager executing an **application programme** stored on hard disk in a computer. It transmits a status frame to check whether...

...is switched on and stores the desired settings for these units. If e.g. the **TV** is on but the setting indicates that it should be off, the

network manager transmits a command frame to the TV . A communication device operates by receiving a frame and the device driver separates this into...

...manager starts with a menu specifying states such as At Home, Asleep, On Holiday. The user selects the state and the menu is updated and control is handed to the network manager. If the...

...access to other LANs in the area. So the network manager can call the police if the security system is activated...

...USE/ADVANTAGE - For controlling VCR, water heater, air conditioner , security system, oven etc. Devices in network can be freely moved around untethered...

10/3,K/6 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011009476 **Image available**
WPI Acc No: 1996-506426/199650
Related WPI Acc No: 1998-569058; 2000-013128
XRPX Acc No: N96-426671

Video signal access control system e.g. for television set-top box
- has set-top box with GPS receiver which receives additional GPS data
from television line and verifies that box is at approved location for
user

Patent Assignee: RUBIN & ASSOC INC PHILIP A (RUBI-N); RUBIN BEDNAREK &
ASSOC INC (RUBI-N)

Inventor: BEDNAREK R A; RUBIN P A

Number of Countries: 023 Number of Patents: 009

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| WO 9635293 | A1 | 19961107 | WO 96US2 | A | 19960102 | 199650 B |
| US 5621793 | A | 19970415 | US 95437424 | A | 19950505 | 199721 |
| EP 883964 | A1 | 19981216 | EP 96901610 | A | 19960102 | 199903 |
| | | | WO 96US2 | A | 19960102 | |
| JP 11504486 | W | 19990420 | JP 96533282 | A | 19960102 | 199926 |
| | | | WO 96US2 | A | 19960102 | |
| BR 9608217 | A | 19991130 | BR 968217 | A | 19960102 | 200014 |
| | | | WO 96US2 | A | 19960102 | |
| KR 99008332 | A | 19990125 | WO 96US2 | A | 19960102 | 200015 |
| | | | KR 97707858 | A | 19971105 | |
| CA 2220035 | C | 20010320 | CA 2220035 | A | 19960102 | 200120 |
| | | | WO 96US2 | A | 19960102 | |
| EP 883964 | B1 | 20030924 | EP 96901610 | A | 19960102 | 200363 |
| | | | WO 96US2 | A | 19960102 | |
| DE 69630146 | E | 20031030 | DE 630146 | A | 19960102 | 200379 |
| | | | EP 96901610 | A | 19960102 | |
| | | | WO 96US2 | A | 19960102 | |

Priority Applications (No Type Date): US 95437424 A 19950505

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9635293 A1 E 70 H04N-007/167

Designated States (National): BR CA JP KR MX

Designated States.(Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

US 5621793 A 18 H04N-007/167

EP 883964 A1 E H04N-007/167 Based on patent WO 9635293
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
 NL PT SE
 JP 11504486 W 58 H04N-007/16 Based on patent WO 9635293
 BR 9608217 A H04N-007/167 Based on patent WO 9635293
 KR 99008332 A H04N-007/167 Based on patent WO 9635293
 CA 2220035 C E H04N-007/167 Based on patent WO 9635293
 EP 883964 B1 E H04N-007/167 Based on patent WO 9635293
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
 NL PT SE
 DE 69630146 E H04N-007/167 Based on patent EP 883964
 Based on patent WO 9635293

Video signal access control system e.g. for television set-top box
 ...

...has set-top box with GPS receiver which receives additional GPS data
 from television line and verifies that box is at approved location for
 user

...Abstract (Basic): The access control system includes an integrated
 receiver and decoder, e.g. set-top box, which allows a user to view
 television programmes from a satellite or cable transmission system.
 The box receives signals from the TV communications channel (40) and
 also from GPS satellites (38). The communications signal is processed
 (44) and descrambled (46) and provided to the access control system
 (48). If access is granted the programme can be viewed...

...The GPS signal is fed to a simple GPS receiver (42) which provides a
 time delayed correlation signal to the GPS data processor (54). This
 uses the GPS data, and possibly GPS data from the TV channel, to
 confirm that the box is at an authorised location...

...ADVANTAGE - Allows additional access check on set-top boxes and provides
 geographical access controls using simple system...

...Abstract (Equivalent): A video signal access control system
 comprising a customer access control operable at a customer
 location and having...

...a conditional accesser operably connected to the video signal
 processor...

...to the video signal processor and providing a useable video output
 signal only upon the conditional accesser authorizing access to one
 or more video signals from the remote source; and...

...the customer location to receive position information from remote
 sources and operably connected to the conditional accesser, the
 conditional accesser authorizing access only if the GPS signal
 receiver receives signals consistent with the customer access
 control being at an authorized location...

...Title Terms: TELEVISION ;

10/3,K/7 (Item 5 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

010904835 **Image available**
 WPI Acc No: 1996-401786/199640

XRPX Acc No: N96-338512

Viewer discretion television program control system e.g. for limiting viewing by children - stores suitability ratings for each program receivable by television set, with personal identification numbers being allocated to each potential viewer having allocated viewing times

Patent Assignee: GARDNER J P (GARD-I); WEST B (WEST-I)

Inventor: GARDNER J P; WEST B

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5550575 | A | 19960827 | US 94237658 | A | 19940504 | 199640 B |

Priority Applications (No Type Date): US 94237658 A 19940504

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|--------------|--------------|
| US 5550575 | A | | 19 | H04N-007/167 | |

Viewer discretion television program control system e.g. for limiting viewing by children...

...stores suitability ratings for each program receivable by television set, with personal identification numbers being allocated to each potential viewer having allocated viewing times

...Abstract (Basic): The viewer discretion program censoring system has a visual display, and a source of programs for viewing by a viewer on the visual display. A viewer control device is conditionable by a first viewing authority for identifying the content of the selectable programs, and allocating permissible viewing times for a viewer...

...first viewing authority is a person or a designated member of a household or a program rating committee. The first viewing authority is selectable from a number of program rating committees

...USE/ADVANTAGE - E.g. for controlling access to television viewing

...Title Terms: TELEVISION ;

10/3,K/8 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009823007 **Image available**

WPI Acc No: 1994-102863/199413

XRPX Acc No: N94-080303

Evaluation method for access control related data e.g. for television decoder - causing decoder, even if in standby mode, to tune to predefined audio or video channel at given time each night for update of entitlement to program access

Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON MULTIMEDIA SA (THOH)

Inventor: DIEHL E; HARMON J; HAMON J

Number of Countries: 017 Number of Patents: 006

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 589111 | A1 | 19940330 | EP 92402504 | A | 19920914 | 199413 B |
| US 5373557 | A | 19941213 | US 93116294 | A | 19930903 | 199504 |
| EP 589111 | B1 | 19970730 | EP 92402504 | A | 19920914 | 199735 |
| DE 69221301 | E | 19970904 | DE 621301 | A | 19920914 | 199741 |

EP 92402504 A 19920914
 ES 2107514 T3 19971201 EP 92402504 A 19920914 199803
 SG 49279 A1 19980518 SG 968724 A 19921114 199835 N
 Priority Applications (No Type Date): EP 92402504 A 19920914; SG 968724 A 19921114

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|----|--------------|---------------------------|
| EP 589111 | A1 | E | 5 | H04N-007/167 | |
| Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE | | | | | |
| US 5373557 | A | | 4 | H04K-001/00 | |
| EP 589111 | B1 | E | 6 | H04N-007/167 | |
| Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE | | | | | |
| DE 69221301 | E | | | H04N-007/167 | Based on patent EP 589111 |
| ES 2107514 | T3 | | | H04N-007/167 | Based on patent EP 589111 |
| SG 49279 | A1 | | | H04N-007/167 | |

Evaluation method for access control related data e.g. for television decoder...

...even if in standby mode, to tune to predefined audio or video channel at given time each night for update of entitlement to program access

...Abstract (Basic): The method has a decoder for evaluating access control related data, and partic. entitlements, which are transmitted in a broadcast signal. In the decoder, the time is monitored a processor (6). All such decoders for receiving the broadcast signal are prepared to receive the access control related data in a session between a determined wake-up time and a determined sleep time, by using a demodulator (2), extractor (3) or processor (5) for the data...

...The processing devices are active after the wake-up time, and are operated in a standby mode after the sleep time under the control of the processor. During the session, the devices for access control (5) are entitled or further entitled to have access to the broadcast or additional broadcast...

...Abstract (Equivalent): Method for evaluating in a decoder access control related data - especially entitlements- which are transmitted within a TV or audio broadcasted signal, characterised in that in said decoder the time (4) is monitored in processor means (6) and all such decoders suited for receiving said broadcasted signal are prepared to receive said access control related data between a determined wake-up time and a determined sleep time - denoted as session - using means for demodulating (2) and/or extracting (2) and/or processing (5) said access control data, whereby these means are active after said wake-up time and these means are allowed to be in a stand-by mode after said sleep time under the control of said processor means and whereby during said session said means for access control (5) are entitled or further entitled to have access to said TV or audio broadcasted and/or further TV or audio broadcasted signals based on said received access control related data...

...Abstract (Equivalent): The decoder comprises a clock for generating a time representative signal; and a processor responsive to the time representative signal for conditioning components of the decoder to receive and process a transmitted signal including the access control data during a predetermined control interval between first and second times, and to operate in...

...An access control is coupled to the processor and to the input for

processing received **access control** data during the control interval. The predetermined control interval is subject to occurring during the...

...USE - For **selectively** receiving and processing **user access control** data such as in a subscriber **television** system...
...Title Terms: **TELEVISION** ;

10/3,K/9 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008821462 **Image available**
WPI Acc No: 1991-325475/199144
XRPX Acc No: N91-249497

Selective access control appts. for audio video or television - uses locking and unlocking key sequences to inhibit and enable access totally or partially with provision for timed enable as back-up

Patent Assignee: AMSTRAD PUB LTD (AMST-N)
Inventor: ALTWASSER R F; DIXON A J
Number of Countries: 014 Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| WO 9115922 | A | 19911017 | | | | 199144 B |
| GB 2243472 | A | 19911030 | GB 907135 | A | 19900330 | 199144 |

Priority Applications (No Type Date): GB 907135 A 19900330

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| WO 9115922 | A | | | | |

Designated States (National): FI NO SE

Designated States (Regional): AT BE CH DK ES FR GB GR IT LU NL SE

Selective access . control appts. for audio video or television -

...Abstract (Basic): related key press unlocking sequence enables subsequent access. Options for locking include the total off **condition** , single channel access or single channel inhibit...

...A timer function, **software** -controlled, is used to automatically unlock the equipment a set **time** after locking, e.g. 48 hours, as a precaution in case the key sequence is forgotten. The timer is reset each **time** the locking action is performed. (7pp Dwg.No.1/2)

...Title Terms: **TELEVISION** ;

10/3,K/10 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008361223 **Image available**
WPI Acc No: 1990-248224/199033
XRPX Acc No: N90-192773

Public communication system with distributed stations - accesses decryption key sub-station associated with selective accounting system-access control system, via serial bus

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); PHILIPS ELECTRONICS NV (PHIG); US PHILIPS CORP (PHIG)
Inventor: WELMER H J

Number of Countries: 011 Number of Patents: 015

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-------------|------|----------|-------------|------|----------|--------|---|
| EP 382296 | A | 19900816 | EP 90200238 | A | 19900202 | 199033 | B |
| NL 8900307 | A | 19900903 | | | | 199038 | |
| AU 9049111 | A | 19900816 | | | | 199040 | |
| CA 2009290 | A | 19900808 | | | | 199043 | |
| FI 9000556 | A | 19900809 | | | | 199045 | |
| JP 2250439 | A | 19901008 | | | | 199046 | |
| US 4980912 | A | 19901225 | US 90474966 | A | 19900201 | 199103 | |
| CN 1045317 | A | 19900912 | | | | 199121 | |
| US 5144662 | A | 19920901 | US 90474966 | A | 19900201 | 199238 | |
| | | | US 90631605 | A | 19901221 | | |
| EP 382296 | B1 | 19940817 | EP 90200238 | A | 19900202 | 199432 | |
| DE 69011543 | E | 19940922 | DE 611543 | A | 19900202 | 199437 | |
| | | | EP 90200238 | A | 19900202 | | |
| KR 155373 | B1 | 19981116 | KR 901396 | A | 19900206 | 200029 | |
| CA 2009290 | C | 20000620 | CA 2009290 | A | 19900205 | 200043 | |
| FI 108097 | B1 | 20011115 | FI 90556 | A | 19900205 | 200176 | |
| JP 3285350 | B2 | 20020527 | JP 9024557 | A | 19900205 | 200241 | |

Priority Applications (No Type Date): NL 89307 A 19890208

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|--------------|--|
| EP 382296 | A | | | | |
| | | | | | Designated States (Regional): DE FR GB |
| US 5144662 | A | | 8 | H04K-001/00 | CIP of application US 90474966 CIP of patent US 4980912 |
| EP 382296 | B1 E | 11 | | H04N-007/167 | |
| | | | | | Designated States (Regional): DE FR GB |
| DE 69011543 | E | | | H04N-007/167 | Based on patent EP 382296 |
| KR 155373 | B1 | | | H04N-007/167 | |
| CA 2009290 | C E | | | H04N-007/167 | |
| FI 108097 | B1 | | | H04B-007/00 | Previous Publ. patent FI 9000556 |
| JP 3285350 | B2 | | 8 | H04H-001/00 | Previous Publ. patent JP 2250439 |

... accesses decryption key sub-station associated with selective accounting system- access control system, via serial bus

...Abstract (Basic): after reception and make decrypted information available to a reproduction apparatus. A governing accounting system/ access control system selectively makes one or more decryption keys available to each station. A station comprise...

...Each receiver sub-station comprises a circuit for receiving a current program selection from a user .: A storage device identifies a selective accounting system/ access control system thereby...

...USE - Consumer television . (9pp Dwg.No.1/3)

...Abstract (Equivalent): with a particular accounting/access type provided to the station by a governing accounting organisation/ access control organisation (42), and for making decrypted information available to a reproduction apparatus (38,40), a...

...a central bus control substation, each receiver substation comprising means (46,48) for receiving a current program selection from a user , said program selection causing identification of a type of accounting/access, and accessing means for via said serial...

...Abstract (Equivalent): receiver station comprises one or more description key sub-stations and thereupon may verify a conditional

access requirement and, in case of positive verification, forward decryption key information to the interrogating...

...stations that may be interrogated by the receiver sub-stations and thereupon may verify a **conditional** access requirement, and in case of positive verification, forward decryption key information the interrogating received...

...USE - E.g. for consumer **television** .

10/3,K/11 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008084990 **Image available**
WPI Acc No: 1989-350102/198948
XRPX Acc No: N89-266320

Management system for satellite TV - uses types of message to define user group address particular user group and send decryption key
Patent Assignee: FRANCE TELECOM (ETFR); TELEDIFFUSION DE FRANCE (TELG);
ETAT FR MIN POSTES (ETFR); FRENCH GOVERNMENT (ETFR)
Inventor: BLINEAU J; COUTROT F; GUILLOU L; LENOIR V
Number of Countries: 006 Number of Patents: 006
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 344071 | A | 19891129 | EP 89401435 | A | 19890525 | 198948 B |
| FR 2632148 | A | 19891201 | | | | 199004 |
| JP 2050539 | A | 19900220 | JP 89130284 | A | 19890525 | 199013 |
| US 4947428 | A | 19900807 | US 89350793 | A | 19890512 | 199034 |
| EP 344071 | B1 | 19921223 | EP 89401435 | A | 19890525 | 199252 |
| DE 68903995 | E | 19930204 | DE 603995 | A | 19890525 | 199306 |
| | | | EP 89401435 | A | 19890525 | |

Priority Applications (No Type Date): FR 887087 A 19880527

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|----|-------------|---------------------------|
| EP 344071 | A | F | 11 | | |
| Designated States (Regional): DE GB NL | | | | | |
| EP 344071 | B1 | F | 14 | H04N-007/16 | |
| Designated States (Regional): DE GB NL | | | | | |
| DE 68903995 | E | | | H04N-007/16 | Based on patent EP 344071 |

Management system for satellite TV -

...Abstract (Basic): A satellite **TV** system relies on scrambling the signal so that only user groups who have a decoder...

...it. A management message is sent in clear to all user groups containing link information, **program** information and the authentication requirements for access and conformation information about the user groups...

...message is sent in clear addressed to the particular group which is to receive the **programme** . The shared address of the user group and the organisation are specified in the conformation...

...ADVANTAGE - Is able to define user group and generate key to **programme** at **programme** time .

...Abstract (Equivalent): Process for the broadcasting of **access** title

control messages conditional on broadcast programmes, said titles being held by users forming an audience, a single digital address being allocated to each user, the broadcast programmes being garbled by a service key, said key being held by all users, the access to such a programme being linked with a use status of the service key, said process being characterised in...

...Abstract (Equivalent): defined in a manner inherent in the control messages and can undergo reconfiguration at any time.

...

...USE - Satellite broadcasting television programmes. (9pp)i

...Title Terms: TELEVISION;

10/3,K/12 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

007258924

WPI Acc No: 1987-255931/198736

XRPX Acc No: N87-191355

TV video signals processing set - with additional memory connected to access controller by input

Patent Assignee: SOYUZGIPROVODKHOZ (SOYU-R)

Inventor: BERNSHTEIN M N; MINSKII D E; POLYAKOV M E

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| SU 1285623 | A | 19870123 | SU 3936921 | A | 19850731 | 198736 B |

Priority Applications (No Type Date): SU 3936921 A 19850731

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| SU 1285623 | A | | 7 | | |

TV video signals processing set...

...with additional memory connected to access controller by input

...Abstract (Basic): Shorter time of processing video signals is achieved with the direct addressing of the video store by the processor. The unit includes an auxiliary memory, with input connected to the access controller, while the group of leads is linked to the group of processor leads by bidirectional...

...memory controller. The input of the latter is tied to the other output of the access controller while the output of the video processor feeds the input of the video monitor...

...video information with the video processor (8) or with the A-D converter (10). Conflicting conditions are prevented by programming the converter through the bus for receiving analog TV signal from the source (11...

...using computer technology e.g. in medicine and scientific research. The unit ensures checking of programme implementation with its monitor-indicating changes of the data in the stack of the computer without slowing down of programme characteristics. Bul.3/23.1.87...

Title Terms: TELEVISION;

17/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05894360 **Image available**
DEVICE FOR CONTROLLING DATA INPUT AND OUTPUT AND ACCESS METHOD FOR STORAGE
DEVICE AND MEDIUM FOR RECORDING DATA INPUT AND OUTPUT CONTROL PROGRAM

PUB. NO.: 10-177460 [JP 10177460 A]
PUBLISHED: June 30, 1998 (19980630)
INVENTOR(s): OZORA MAYUMI
AOKI TAKAHIRO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-274054 [JP 97274054]
FILED: October 07, 1997 (19971007)

...AND ACCESS METHOD FOR STORAGE DEVICE AND MEDIUM FOR RECORDING DATA INPUT
AND OUTPUT CONTROL PROGRAM

INTL CLASS: G06F-003/06; G06F-013/10; G11B-020/10; H04N-005/907;
H04N-005/93; H04N-007/16
...JAPIO CLASS: Television); 45.2 (INFORMATION PROCESSING

ABSTRACT

... storage devices 1a-1e and the number S are mutually prime number, and
classifies a time zone in which the plural storage devices 1a-1e operate
the reading or writing of...

...request is made from a user, the slots are assigned to the user. At the
time of operating the writing of data in the specific storage device, an
access control means 3 operates the writing processing in the storage
device by using the specific slot...

17/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05431883 **Image available**
PAY BROADCAST RECEIVER, PAY BROADCAST RECEPTION METHOD, PAY BROADCAST
TRANSMITTER-RECEIVER AND PAY BROADCAST TRANSMISSION RECEPTION METHOD

PUB. NO.: 09-046683 [JP 9046683 A]
PUBLISHED: February 14, 1997 (19970214)
INVENTOR(s): YOSHIDA HIROYUKI
SHIROMA MAKOTO
YAMASHITA MASAMI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-194681 [JP 95194681]
FILED: July 31, 1995 (19950731)

INTL CLASS: H04N-007/16 ; H04H-001/00; H04N-007/167
...JAPIO CLASS: Television); 44.5 (COMMUNICATION

ABSTRACT

PROBLEM TO BE SOLVED: To display a charging amount of a program before
paper view in a pay broadcast and to display total charging amount from a

prescribed date till a present time .

...

...SOLUTION: A transmitter side system sends a program and a charging amount for the program and a reception terminal equipment displays the monetary amount onto a display device 28. The name of the purchased program and its charging amount are stored in a security module 23 and the total amount of money is displayed by a display device 28 by

17/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05431881 **Image available**
PAY BROADCAST RECEIVER

PUB. NO.: 09-046681 [JP 9046681 A]
PUBLISHED: February 14, 1997 (19970214)
INVENTOR(s): YOSHIDA HIROYUKI
SHIROMA MAKOTO
YAMASHITA MASAMI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-192747 [JP 95192747]
FILED: July 28, 1995 (19950728)

INTL CLASS: H04N-007/16 ; H04N-005/445; H04N-007/167
...JAPIO CLASS: Television)

ABSTRACT

...SOLUTION: When a security module 9 receives a command of an output of a channel number in flat contract at...

... 8 outputs a display signal corresponding to a channel number from the EEPROM 24. A tuner 20 selects a prescribed channel from a received signal and a 1st decoder 23 decodes individual information by an individual key and provides an output of the contract key. A 2nd decoder 22 decodes program information based on the contract key and provides an output of the scramble key. A...

17/3,K/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012653288 **Image available**
WPI Acc No: 1999-459393/199939
XRPX Acc No: N99-343614

Programming device for entertainment or communications device - uses displayed menu for selection of functions available to each user with secure access to function selection menu

Patent Assignee: GRUNDIG AG (GRUG)

Inventor: REISS W

Number of Countries: 025 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| DE 19745357 | A1 | 19990415 | DE 1045357 | A | 19971014 | 199939 B |
| EP 910215 | A2 | 19990421 | EP 98119045 | A | 19981008 | 200054 |

Priority Applications (No Type Date): DE 1045357 A 19971014

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19745357 A1 6 H04N-005/44

EP 910215 A2 G 7 H04N-007/16

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Programming device for entertainment or communications device...

...Abstract (Basic): NOVELTY - The programming device has a display (2) on which a menu for programming the available functions is displayed, coupled to a control device (6) and a memory (5) in which the functions available to each user, as selected via the control, are stored, a locking device (7) controlling the access to the function availability programming menu. DETAILED DESCRIPTION - An entertainment device incorporating the programming device is independently claimed...

...USE - For restrictive programming of television receiver, video recorder, audio recording and/or playback device, or computer...

...ADVANTAGE - The programming device allows the functions available to selected users, e.g. children, to be limited. DESCRIPTION OF DRAWING(S) - The drawing shows an entertainment device provided with a programming device. (2) Display; (5) Memory; (6) Control; (7) Locking device...

Title Terms: PROGRAM ;

...International Patent Class (Main): H04N-007/16

17/3,K/5 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011670395 **Image available**

WPI Acc No: 1998-087304/199808

XRPX Acc No: N98-069315

Remote controller e.g. for domestic electronic equipment - has temporary cable link to computer which enables programming of different units for specific purpose prior to use by standard radio or IR signal remote control

Patent Assignee: LAFONT B (LAFO-I); MARCHI J (MARC-I)

Inventor: LAFONT B; MARCHI J

Number of Countries: 020 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| WO 9800971 | A1 | 19980108 | WO 97FR1173 | A | 19970701 | 199808 B |
| FR 2750778 | A1 | 19980109 | FR 968445 | A | 19960702 | 199809 |

Priority Applications (No Type Date): FR 968445 A 19960702

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9800971 A1 F 20 H04N-007/16

Designated States (National): CA KR US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

FR 2750778 A1 G05B-019/042

... has temporary cable link to computer which enables programming of

different units for specific purpose prior to use by standard radio or IR signal...

...Abstract (Basic): 5) is provided which forms a temporary link with a computer (6). The computer has software used to program the remote controller which is battery-powered...

...the keyboard (2), the transmitter and an optional screen display (7). A microprocessor, a real time calendar and a clock are also provided. A memory receives the modifiable programming data...

...USE - Controls electronic equipment e.g. television sets in hospitals, hotels etc, provides access control and flexitime management systems especially for use by television rental agencies...

...Title Terms: PROGRAM ;

...International Patent Class (Main): H04N-007/16

17/3,K/6 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011567226 **Image available**
WPI Acc No: 1997-543707/199750
XRPX Acc No: N97-453039

Data transmission unit for e.g. cable TV system, closed-circuit TV system used in e.g. hotel, bank - has control computer which stores data exceeding number of transmission requests, into hard disk of random-access server, while storing lesser volume of data into single-access server

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 9261610 | A | 19971003 | JP 9663105 | A | 19960319 | 199750 B |

Priority Applications (No Type Date): JP 9663105 A 19960319

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 9261610 | A | 18 | H04N-007/16 | |

Data transmission unit for e.g. cable TV system, closed-circuit TV system used in e.g. hotel, bank...

...Abstract (Basic): other hand, is provided with a pair of video-tape recorders (6a) for sequential data access. A control computer (17) counts the frequency with which data transmission requests are made from one or more terminal equipments (3). Programme -managing memory units (11,14) store and at the same time execute memory control over the number of data transmission requests received per terminal equipment...

...Title Terms: TELEVISION ;

International Patent Class (Main): H04N-007/16

17/3,K/7 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

009676667 **Image available**

WPI Acc No: 1993-370220/199347

XRFX Acc No: N93-285839

Equipment control using data transmission in television lines -
downloading via transmission channel specific channel allocation table,
customer VTR data and messages related to geographic place using two sets
of N video lines representing two data lines

Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON CONSUMER ELECTRONICS
INC (THOH); THOMSON MULTIMEDIA SA (THOH); THOMSON CONSUMER
ELECTRONICS SA (THOH)

Inventor: DIEHL E; HAMON J

Number of Countries: 017 Number of Patents: 007

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 570785 | A1 | 19931124 | EP 93107503 | A | 19930508 | 199347 B |
| EP 582761 | A1 | 19940216 | EP 92401364 | A | 19920519 | 199407 |
| US 5568179 | A | 19961022 | US 9364522 | A | 19930519 | 199648 |
| EP 570785 | B1 | 19971001 | EP 93107503 | A | 19930508 | 199744 |
| DE 69314224 | E | 19971106 | DE 614224 | A | 19930508 | 199750 |
| | | | EP 93107503 | A | 19930508 | |
| ES 2109390 | T3 | 19980116 | EP 93107503 | A | 19930508 | 199810 |
| SG 49266 | A1 | 19980518 | SG 968528 | A | 19930508 | 199835 |

Priority Applications (No Type Date): EP 92401364 A 19920519

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|------|-----|----|-------------|---------------------------|
| EP 570785 | A1 | E | 5 | H04N-007/16 | |
| Designated States (Regional): DE ES FR GB | | | | | |
| EP 582761 | A1 | E | | H04N-007/16 | |
| Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE | | | | | |
| US 5568179 | A | | 6 | H04N-007/16 | |
| EP 570785 | B1 | E | 6 | H04N-007/16 | |
| Designated States (Regional): DE ES FR GB | | | | | |
| DE 69314224 | E | | | H04N-007/16 | Based on patent EP 570785 |
| ES 2109390 | T3 | | | H04N-007/16 | Based on patent EP 570785 |
| SG 49266 | A1 | | | H04N-007/16 | |

Equipment control using data transmission in television lines...

...Abstract (Basic): or more lines each containing packets of digital data.
Each packet contains descriptor data and **application** data and the
descriptor data is used in a data dispatcher (DD) to direct the related
application data to a separate unit (DIP, CAP) in which the
respective **application** data is evaluated...

...video lines are located in the vertical blanking period. There are
separate units, namely pay TV decoder (DIP) and a Smart card
processor (CAP). All groups of lines have the same data format and
error correction. The data dispatcher switches in real time .

...

...ADVANTAGE - Gives flexible solution to carry data for **control access**
based on both Smart card and decoder for PAY TV system on PAL, SECAM
and NTSC

...Abstract (Equivalent): Method for device control by data transmission in
TV lines, wherein two or more groups of one or more TV lines each
contain packets of digital data, characterised in that, each packet of
digital data...

...contain information describing as a target either a smart card processor

(25) or a pay TV decoder processor (DIP), that the descriptor data are used in a data dispatcher (DD, 22) to direct the related application data to either the pay TV decoder processor (DIP, 26) or through a smart card interface processor (23) and a smart...
...Abstract (Equivalent): data being organized in packets of data, each of said packets including descriptor data and application data, apparatus comprising...

...a data extractor for extracting said descriptor data and said application data...

...first and second means for evaluating said application data; and...

...to select a particular one of said first and second evaluating means to evaluate said application data, and for directing said application data to only said particular evaluating means...

...said first evaluating means comprising a pay TV decoder processor and said second evaluating means comprising a control access processor included in a smart card for processing at least a portion of said application data directed to said second evaluating means...

...Title Terms: TELEVISION ;

International Patent Class (Main): H04N-007/16

17/3,K/8 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008984544

WPI Acc No: 1992-111813/199214

XRPX Acc No: N92-083475

Access control in sound picture and/or data distribution - has several programme channels for subscriber selection , with computer controlling channel shift

Patent Assignee: TELIA AB (TELI-N); TELEVERKET (TELE-N)

Inventor: ABRAHAMSSON C; ELLSTROEM M; LUNDSTROEM L; ABRAHAMSSO C; ELLSTROM M; LUNDSTROM L I

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| SE 9002372 | A | 19920107 | SE 902372 | A | 19900706 | 199214 B |
| SE 504763 | C2 | 19970421 | SE 902372 | A | 19900706 | 199722 |

Priority Applications (No Type Date): SE 902372 A 19900706

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

SE 504763 C2 H04N-007/167

Access control in sound picture and/or data distribution...
...has several programme channels for subscriber selection , with computer controlling channel shift

...Abstract (Basic): Channels contain programmes , access to which by viewers is controlled. The programme channels are fed into a distributor which divides the signals to six controllable down-converters...

...cable and/or radio medium and/or optic fibre. A subscriber administration computer controls which programme channel is to be

transmitted on the respective distribution channels. This can be changed so...

...USE/ADVANTAGE - Esp. pay **television** networks to prevent unauthorised viewing of transmitted **programmes**.

...Title Terms: **PROGRAMME** ;

...International Patent Class (Additional): **H04N-007/16**

17/3,K/9 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

007887762

WPI Acc No: 1989-152874/198921

XRPX Acc No: N89-116641

Selected programme access control for TV receiver - has module added between remote control input and tuner, accepting pre-programmed memory which determines channels actually available

Patent Assignee: OCEANIC SA (OCEA-N)

Inventor: THEVENIN C G J

Number of Countries: 013 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 317404 | A | 19890524 | EP 88402833 | A | 19881110 | 198921 B |
| FR 2623355 | A | 19890519 | | | | 198927 |

Priority Applications (No Type Date): FR 8715733 A 19871113

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 317404 A F 9

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

Selected programme access control for TV receiver...

...has module added between remote control input and tuner, accepting pre-programmed memory which determines channels actually available

...Abstract (Basic): The control chain for a **television** receiver (2) incorporates the usual hand-held infra-red transmitter (3a) which acts upon a receiver (3b) in the **television** set to effect **channel selection** (4). The channels actually available are however determined by an intermediate memory module (6), located...

...The occupant of a hotel or similar room, wishing to view certain **programmes**, has the memory of the module **programmed** by the management, and is subsequently charged for the service in his bill. In an alternative **application**, the memory module is used, initially empty, to record whatever **channel selections** are made and the **time** for which they are used. This system discriminates between chargeable and non-chargeable material and...

...ADVANTAGE - Memory module provides straightforward **control** of **television** **access** so that selective charges can be imposed as required...

...Title Terms: **PROGRAMME** ;

...International Patent Class (Additional): **H04N-007/16**

17/3,K/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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004642437

WPI Acc No: 1986-145780/198623

XRPX Acc No: N86-107933

Payment control appts. for subscription TV system - has advance payment facility and detects errors acknowledged at user display terminal

Patent Assignee: SONY CORP (SONY)

Inventor: HAYASHI T; KANAYAMA I; KANNO M

Number of Countries: 010 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 183626 | A | 19860604 | EP 85402347 | A | 19851129 | 198623 B |
| AU 8550377 | A | 19860605 | | | | 198630 |
| JP 61129989 | A | 19860617 | JP 84252185 | A | 19841129 | 198631 |
| JP 61129990 | A | 19860617 | JP 84252186 | A | 19841129 | 198631 |
| US 4809325 | A | 19890228 | US 8782999 | A | 19870805 | 198911 |
| CA 1257377 | A | 19890711 | | | | 198932 |
| EP 183626 | B | 19911016 | | | | 199142 |
| DE 3584425 | G | 19911121 | | | | 199148 |

Priority Applications (No Type Date): JP 84252186 A 19841129; JP 84252185 A 19841129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|-----------|---|---|----|--|--|
| EP 183626 | A | E | 22 | | |
|-----------|---|---|----|--|--|

Designated States (Regional): AT BE FR GB NL

| | | | | | |
|-----------|---|--|--|--|--|
| EP 183626 | B | | | | |
|-----------|---|--|--|--|--|

Designated States (Regional): AT DE FR GB NL

Payment control appts. for subscription TV system...

...Abstract (Equivalent): A payment control appts. for a pay television system in which a subscriber purchases viewing time by advance payment to a broadcast centre (6) from which pay television programs are sent and are controllably made accessible to said subscriber as a function of said advance payment, said broadcast centre (6) being

...Abstract (Equivalent): The payment control apparatus includes a descrambler for a selected video program transmitted from a centre to the remote subscriber station. The control data transmitted from the...

...decoded and includes an advance deposit amount for each pay per view channel, a deposit date for each advance deposit amount, and program fee data for each channel and program. A memory stores at least a last advance deposit amount for each of a number of channels, and the deposit date for date for each advance deposit amount...

...amount for that channel. A subtractor is connected to the advance memory for subtracting the program fee data on a given channel when a program is received from the running balance for each such given channel...

...USE - Pay TV . (15pp)s

...Title Terms: TELEVISION ;

...International Patent Class (Additional): H04N-007/16

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

003884198

WPI Acc No: 1984-029737/198405

XRPX Acc No: N84-022421

**Cable television converter with key-lock to favourite channels - has
program selection control for conversion of input channels and memory
control unit with key-lock restricted access**

Patent Assignee: OAK IND INC (OAKN)

Inventor: MERRELL R G

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 4425579 | A | 19840110 | US 81266166 | A | 19810522 | 198405 B |
| CA 1175554 | A | 19841002 | | | | 198444 |

Priority Applications (No Type Date): US 81266166 A 19810522

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| US 4425579 | A | | 5 | | |

**Cable television converter with key-lock to favourite channels...
...has program selection control for conversion of input channels and
memory control unit with key-lock restricted...**

...Abstract (Basic): The cable television converter includes an
oscillator and mixer for conversion of a selected input television
channel to the specific output frequency of the converter. There is a
program selection device, and a memory responsive thereto whereby a
subscriber may designate certain channels for...

...The program selection device provides for restricting access to only
those designated channels in the memory whereby a subscriber may
control access of members of the household to only certain permitted
channels...

...Title Terms: TELEVISION ;

...International Patent Class (Additional): H04N-007/16

17/3,K/12 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

003102151

WPI Acc No: 1981-L2200D/198143

**Addressable cable TV control system - transmits access control data
in field blanking intervals to prevent unauthorised access**

Patent Assignee: CAMPBELL J G (CAMP-I); GEN INSTR CORP (GENN); GENERAL
SIGNAL CORP (GESJ); TOCOM INC (TOCO-N)

Inventor: CAMPBELL J; DENS A B; FOGLE R M; LEMBURG J R; SCHOENEBER C F

Number of Countries: 011 Number of Patents: 007

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| WO 8102961 | A | 19811015 | | | | 198143 B |
| EP 49280 | A | 19820414 | | | | 198216 |
| JP 57500537 | W | 19820325 | | | | 198218 |
| US 4536791 | A | 19850820 | US 81617137 | A | 19810331 | 198536 |
| US 4862268 | A | 19890829 | US 85708236 | A | 19850418 | 198944 |
| EP 49280 | B | 19901031 | | | | 199044 |

Priority Applications (No Type Date): US 80135987 A 19800331; US 81414 A 19810331; US 81617137 A 19810331; US 81348937 A 19811127; US 84617137 A 19840604

Patent Details:

| Patent No | Kind | Lang | Pg | Main IPC | Filing Notes |
|-----------|------|------|----|----------|--------------|
|-----------|------|------|----|----------|--------------|

| | | | | | |
|------------|---|---|----|--|--|
| WO 8102961 | A | E | 69 | | |
|------------|---|---|----|--|--|

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|-------------------------------------|--|--|--|--|
| Designated States (National): JP US | | | | |
|-------------------------------------|--|--|--|--|

| | | | | |
|--|--|--|--|--|
| Designated States (Regional): AT CH DE FR GB LI LU NL SE | | | | |
|--|--|--|--|--|

| | | | | | |
|----------|---|---|--|--|--|
| EP 49280 | A | E | | | |
|----------|---|---|--|--|--|

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|--|--|--|--|--|
| Designated States (Regional): AT CH DE FR GB LI LU NL SE | | | | |
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| | | | | | |
|----------|---|--|--|--|--|
| EP 49280 | B | | | | |
|----------|---|--|--|--|--|

| | | | | |
|--|--|--|--|--|
| Designated States (Regional): AT CH DE FR GB LI LU NL SE | | | | |
|--|--|--|--|--|

Addressable cable TV control system...

...transmits access control data in field blanking intervals to prevent unauthorised access

...Abstract (Basic): type, several signals are transmitted in different frequency channels. Each of several stations has a tuner for selecting one of the channels. User access may be limited to predetermined ones of the channels...

...blanking interval. Each user station which is tuned to receive a signal compares the transmitted program access interior with its own user access criterion and decodes the received signal only if the program and user access criteria correspond...

...The data transmitted in addition to the video program may contain both text and graphics and may be converted for display on the user...

...Title Terms: TELEVISION ;

...International Patent Class (Additional): H04N-007/16

?

File 348:EUROPEAN PATENTS 1978-2004/Jan W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218

(c) 2003 WIPO/Univentio

? ds

| Set | Items | Description |
|-----|-------|---|
| S1 | 14094 | ((SECURITY OR AUTHORI?) (3N) (POLIC? OR MODULE? ? OR CONDITI- ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR ACCESS?(3N)CONTROL?) (S) (SOFTWARE OR SOFT()WARE OR PROGRAM? OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S2 | 759 | S1(S) (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR WEBTV OR WEB()TV OR INTERNET(3N)TV) |
| S3 | 57 | (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA- ND OR VOD OR PAY()PER()VIEW OR PPW) (10N) (PARENTAL() (LOCKOUT? - OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?) |
| S4 | 3 | S3(S)S1 |
| S5 | 259 | S2(S) (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PRES- ENT OR USER? ? OR CHANNEL OR TUNER) (3N) (STATE? ? OR PREFERENC- E? ? OR ENVIRONMENT? OR SELECT?)) |
| S6 | 57 | (CONDITION? OR EXPRESSION?) (S)S5 |
| S7 | 57 | IDPAT S6 (sorted in duplicate/non-duplicate order) |
| S8 | 56 | IDPAT S6 (primary/non-duplicate records only) |
| S9 | 22 | S8 AND AD=19980619:20010000/PR |
| S10 | 5 | S8 AND AD=20010000:20040115/PR |
| S11 | 29 | S8 NOT (S9 OR S10) |
| S12 | 5 | S11 AND IC=H04N-007/16 |
| S13 | 23 | S11 AND IC=H04N? |
| S14 | 15 | S11 AND IC=H04N-007? |

14/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01538340
Smartcard for use with a receiver of encrypted broadcast signals, and
receiver
Chipkarte und Empfänger für den Empfang von verschlüsselten
Rundfunksignalen
Carte à puce utilisable avec un récepteur de signaux de radiodiffusion
chiffres et récepteur

PATENT ASSIGNEE:

Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
, (Applicant designated States: all)

INVENTOR:

Maillard, Michel, 13, avenue du Parc,, 78120 Rambouillet, (FR)
Benardeau, Christian, 13, allée des Puisatiers, 77600 Bussy Saint Georges
, (FR)

LEGAL REPRESENTATIVE:

Rinuy, Santarelli (100891), 14, avenue de la Grande Armée, 75017 Paris,
(FR)

PATENT (CC, No, Kind, Date): EP 1282315 A2 030205 (Basic)

APPLICATION (CC, No, Date): EP 2002020550 970425;

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 968607 (EP 97921750)

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 84

NOTE:

Figure number on first page: 19

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200306 | 982 |
| SPEC A | (English) | 200306 | 13673 |
| Total word count - document A | | | 14655 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 14655 |

INTERNATIONAL PATENT CLASS: H04N-007/16

...SPECIFICATION signals.

Cross reference is made to our co-pending applications, all bearing the
same filing date, and entitled Signal Generation and Broadcasting
(Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708),
Broadcast and Reception System and Conditional Access System therefor
(Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a
...

...19715), Extracting Data Sections from a Transmitted Data Stream
(Attorney Reference No. PC/ASB/19716), Access Control System
(Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney
Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application**.

14/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01474694

Transmission and reception of television programmes and other data
Senden und Empfangen von Fernsehprogrammen und anderen Daten
Transmission et reception de programmes televises et d'autres donnees
PATENT ASSIGNEE:

Canal+ Technologies Societe Anonyme, (2995881), 34 Place Raoul Dautry,
75906 Paris Cedex 15, (FR), (Applicant designated States: all)

INVENTOR:

Furet, Thierry, 63, avenue du General Leclerc, 78120 Rambouillet, (FR)
Agasse, Bernard, Les Aquarelles 1, Les Raynes Brunes, 95610 Eragny/Oise,
(FR)

Frezal-Hugonet, Claire, 5, avenue de Verdun, 91470 Limours, (FR)
Liao, Hongtao, 4, rue du Canal, 78180 Montigny-Btx, (FR)
Moly, Jacques, 60, rue Francois Villon, 91450 Soisy sur Seine, (FR)
Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Senantes, (FR)
Yang, Rui Liang, 6, rue Nicholas Chuquet, 75017 Paris, (FR)

LEGAL REPRESENTATIVE:

Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris,
(FR)

PATENT (CC, No, Kind, Date): EP 1251699 A1 021023 (Basic)

APPLICATION (CC, No, Date): EP 2002013521 970425;

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 968610 (EP 97920748)

INTERNATIONAL PATENT CLASS: H04N-007/24 ; H04N-005/00

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200243 | 4514 |
| SPEC A | (English) | 200243 | 14770 |
| Total word count - document A | | | 19284 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 19284 |

INTERNATIONAL PATENT CLASS: H04N-007/24 ...

...SPECIFICATION on or using electrical and like signals.

Cross reference is made to our co-pending **applications**, all bearing the same filing **date**, and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor

(Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a
...

...Receiver/Decoder to a Computer (Attorney Reference No. PC/ASB/19711),
Transmission and Reception of **Television Programmes** and Other Data
(Attorney Reference No. PC/ASB/19712), Downloading Data (Attorney
Reference No. PC/ASB/19713), Computer Memory Organisation (Attorney
Reference No. PC/ASB/19714), **Television** or Radio Control System
Development (Attorney Reference No. PC/ASB/19715), Extracting Data
Sections from a Transmitted Data Stream (Attorney Reference No.
PC/ASB/19716), **Access Control System** (Attorney Reference No.
PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...
...ASB/19720). The disclosures of these documents are incorporated herein
by reference. The list of **applications** includes the present
application .

14/3,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01474693
Downloading data

Datenfernladung

Telechargement de donnees

PATENT ASSIGNEE:

CANAL + Societe Anonyme, (1452152), 85-89 Quai Andre Citroen, 75711 Paris
Cedex 15, (FR), (Applicant designated States: all)

INVENTOR:

Sarfati, Jean-Claude, 2-4, place d'Oberursel, 93800 Epinay sur Seine,
(FR)

Meric, Jerome, 55, rue de Meaux, 60300 Senlis, (FR)

LEGAL REPRESENTATIVE:

Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris,
(FR)

PATENT (CC, No, Kind, Date): EP 1251688 A1 021023 (Basic)

APPLICATION (CC, No, Date): EP 2002013520 970425;

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 974230 (EP 97921752)

INTERNATIONAL PATENT CLASS: H04N-005/00; **H04N-007/24**

ABSTRACT WORD COUNT: 183

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200243 | 3491 |
| SPEC A | (English) | 200243 | 9288 |
| Total word count - document A | | | 12779 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 12779 |

...INTERNATIONAL PATENT CLASS: **H04N-007/24**

...SPECIFICATION on or using electrical and like signals.

Cross reference is made to our co-pending **applications**, all bearing the same filing **date**, and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a

...Receiver/Decoder to a Computer (Attorney Reference No. PC/ASB/19711), Transmission and Reception of **Television Programmes** and Other Data (Attorney Reference No. PC/ASB/19712), Downloading Data (Attorney Reference No. PC/ASB/19713), Computer Memory Organisation (Attorney Reference No. PC/ASB/19714), **Television** or Radio Control System Development (Attorney Reference No. PC/ASB/19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application**.

14/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01434815

Broadcast and reception system, and receiver/decoder and remote controller therefor

Rundfunk- und Empfangssystem, Empfänger/Dekoder und Fernbedienung dafür
Systeme de diffusion et de reception, recepteur/decodeur et unite de telecommande pour ce systeme

PATENT ASSIGNEE:

Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
, (Applicant designated States: all)

INVENTOR:

Bastien, Jean-Paul, 42, rue d'Etampes, 91720 Maise, (FR)
Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Nogent Le roi, (FR)

Bayassi, Mulham, 28-30 rue Pradier, 75019 Paris, (FR)

LEGAL REPRESENTATIVE:

Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 1215904 A2 020619 (Basic)

EP 1215904 A3 030507

APPLICATION (CC, No, Date): EP 2002005232 970425;

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 968608 (EP 97921757)

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200225 | 484 |
| SPEC A | (English) | 200225 | 10763 |
| Total word count - document A | | | 11247 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 11247 |

INTERNATIONAL PATENT CLASS: H04N-007/16

...SPECIFICATION signals.

Cross reference is made to our co-pending applications, all bearing the same filing date, and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and Conditional Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), Access Control System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of applications includes the present application.

14/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01098857

Method and apparatus for enlarging DVB-CI functionality by enabling a direct access to the conditional access module

Verfahren und Vorrichtung für verbesserte DVB-CI Funktionalität durch Ermöglichung eines direkten Zugriffs auf das Conditional Access Modul

Methode et appareil pour élargir les possibilités DVB-CI en permettant un accès direct au Module d'Accès Conditionnel

PATENT ASSIGNEE:

THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR), (Applicant designated States: all)

INVENTOR:

Diehl, Eric, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)

Morcel, Stephane, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)

Letellier, Philippe, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte et al (47345), THOMSON multimedia, Licensing and Intellectual Property, 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR)

PATENT (CC, No, Kind, Date): EP 964574 A1 991215 (Basic)

APPLICATION (CC, No, Date): EP 99401353 990604;

PRIORITY (CC, No, Date): EP 98401425 980611

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/00; H04N-007/16

ABSTRACT WORD COUNT: 241

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9950 | 598 |
| SPEC A | (English) | 9950 | 2842 |
| Total word count - document A | | | 3440 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3440 |

...INTERNATIONAL PATENT CLASS: H04N-007/16

...SPECIFICATION other digital video broadcasting specification may be used.

The DVB - Common Interface (DVB-CI) for **Conditional Access** and Other Digital Video Broadcasting **Applications** is one of a few consumer hardware interfaces specified by the DVB. It is designed...

...benefits of open standardization to the supply of digital reception equipment, whilst at the same time making it possible for the **Conditional Access** and **security** elements of a digital TV receiver system to remain proprietary. By using this interface, the proprietary elements of the system can be separated from the parts required to receive and decode digital **television** and data services. They can be manufactured and distributed separately, releasing the constraints which occur...

14/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01098001

Method and apparatus for enlarging DVB-CI functionality by enabling a direct access to the Conditional Access Module

Verfahren und Vorrichtung für verbesserte DVB-CI Funktionalität durch Ermöglichung eines direkten Zugriffs auf das Conditional Access Modul

Methode et appareil pour élargir les possibilités DVB-CI en permettant un accès direct au Module d'Accès Conditionnel

PATENT ASSIGNEE:

THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR), (Applicant designated States: all)

INVENTOR:

Diehl, Eric, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)

Letellier, Philippe, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)

Morcel, Stephane, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)

LEGAL REPRESENTATIVE:

Zhang, Jianguo (73687), THOMSON multimedia, 46 Quai A. Le Gallo, 92100 Boulogne Billancourt, (FR)

PATENT (CC, No, Kind, Date): EP 964573 A1 991215 (Basic)

APPLICATION (CC, No, Date): EP 98401425 980611;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/00; H04N-007/16

ABSTRACT WORD COUNT: 243

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9950 | 594 |
| SPEC A | (English) | 9950 | 2874 |
| Total word count - document A | | | 3468 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3468 |

...INTERNATIONAL PATENT CLASS: H04N-007/16

...SPECIFICATION other digital video broadcasting specification may be used.

The DVB - Common Interface (DVB-CI) for **Conditional** Access and Other Digital Video Broadcasting **Applications** is one of a few consumer hardware interfaces specified by the DVB. It is designed...

...benefits of open standardization to the supply of digital reception equipment, whilst at the same time making it possible for the **Conditional** Access and **security** elements of a digital **TV** receiver system to remain proprietary. By using this interface, the proprietary elements of the system can be separated from the parts required to receive and decode digital **television** and data services. They can be manufactured and distributed separately, releasing the constraints which occur...

14/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00996436

SMARTCARD FOR USE WITH A RECEIVER OF ENCRYPTED BROADCAST SIGNALS, AND
RECEIVER

CHIPKARTE UND EMPFANGER FUR DEN EMPFANG VON VERSCHLUSSELTEN
RUNDFUNKSIGNALEN

CARTE A PUCE UTILISABLE AVEC UN RECEPTEUR DE SIGNAUX DE RADIODIFFUSION
CHIFFRES ET RECEPTEUR

PATENT ASSIGNEE:

Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
, (Proprietor designated states: all)

INVENTOR:

MAILLARD, Michel, 42, avenue du Marechal Leclerc, F-28120 Maintenon, (FR)
BENARDEAU, Christian, 13, allée des Puisatiers, F-77600 Bussy Saint
Georges, (FR)

LEGAL REPRESENTATIVE:

Santarelli (100892), 14, avenue de la Grande Armee, B.P. 237, 75822 Paris
Cedex 17, (FR)

PATENT (CC, No, Kind, Date): EP 968607 A1 000105 (Basic)
EP 968607 B1 030212
WO 98043425 981001

APPLICATION (CC, No, Date): EP 97921750 970425; WO 97EP2107 970425

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1282315 (EP 2002020550)

INTERNATIONAL PATENT CLASS: H04N-007/16 ; H04N-007/167
NOTE:

No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 200307 | 679 |
| CLAIMS B | (German) | 200307 | 754 |
| CLAIMS B | (French) | 200307 | 760 |
| SPEC B | (English) | 200307 | 12810 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 15003 |
| Total word count - documents A + B | | | 15003 |

INTERNATIONAL PATENT CLASS: H04N-007/16 ...
... H04N-007/167

...SPECIFICATION signals.

Cross reference is made to our co-pending applications, all bearing the same filing date, and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and Conditional Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), Access Control System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...Receiver/Decoder and Remote Controller therefor (Attorney Reference No. PC/ASB/19720). The list of applications includes the present application.

14/3,K/8 (Item 8 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00711605
Reconfigurable data processing stage
Rekonfigurierbare Datenverarbeitungsstufe
Etagé d'opération de données reconfigurable
PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (Proprietor designated states: all)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA, (GB)

Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire, GL11 6BD, (GB)

Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE, (GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,

rue Louis Chirpaz, 69131 Ecully Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 674446 A2 950927 (Basic)
EP 674446 A3 960814
EP 674446 B1 010801
APPLICATION (CC, No, Date): EP 95301300 950228;
PRIORITY (CC, No, Date): GB 9405914 940324
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL
INTERNATIONAL PATENT CLASS: H04N-007/24 ; G06F-013/00; G06F-009/38
ABSTRACT WORD COUNT: 144
NOTE:

Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB95 | 2475 |
| CLAIMS B | (English) | 200131 | 1079 |
| CLAIMS B | (German) | 200131 | 1072 |
| CLAIMS B | (French) | 200131 | 1186 |
| SPEC A | (English) | EPAB95 | 125236 |
| SPEC B | (English) | 200131 | 121335 |
| Total word count - document A | | | 127738 |
| Total word count - document B | | | 124672 |
| Total word count - documents A + B | | | 252410 |

INTERNATIONAL PATENT CLASS: H04N-007/24 ...

...SPECIFICATION codes, and JPEG marker codes, and convert them all into a form, i.e., a **control** token which includes a token stream embodying the current coding standard. The control tokens are...address are decoded to select banks of DRAM, then all possible values of these "bank **select** bits" must **select** a bank of DRAM. Otherwise, holes will be left in the address space.

A.5...value 0 in an access register indicates that the group of registers associated with that **access** register should not be modified. Writing 1 to an access register requests that a block...

14/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00692548

A SYSTEM FOR LOCAL PROCESSING/ACCESSING AND REPRESENTATION OF LARGE VOLUMES OF DATA

SYSTEM ZUR LOKALEN VERARBEITUNG/ZUGRIFF UND ZUR DARSTELLUNG VON DATEN GROSSEN VOLUMENS

SYSTEME DE TRAITEMENT/ACCES LOCAL ET DE REPRESENTATION D'IMPORTANTES VOLUMES DE DONNEES

PATENT ASSIGNEE:

Opticom ASA, (2353441), Brynsveien 3B, 0667 Oslo, (NO), (applicant
designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

GUDESEN, Hans, Gude, Tyrihansveien 5, N-1600 Fredrikstad, (NO)

LEGAL REPRESENTATIVE:

Silverman, Warren et al (35861), Haseltine Lake & co, Imperial House,
15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 717908 A1 960626 (Basic)
EP 717908 B1 980617
WO 9507592 950316

APPLICATION (CC, No, Date): EP 94927871 940908; WO 94NO148 940908
PRIORITY (CC, No, Date): NO 933204 930908
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173 ; H04N-005/76; H04M-011/08
NOTE:

No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; Norwegian
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 9825 | 683 |
| CLAIMS B | (German) | 9825 | 685 |
| CLAIMS B | (French) | 9825 | 808 |
| SPEC B | (English) | 9825 | 4371 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 6547 |
| Total word count - documents A + B | | | 6547 |

INTERNATIONAL PATENT CLASS: H04N-007/173 ...

...SPECIFICATION in other user-selected applications of large volumes of data, for example user-selected, but **authorized** , invoiced or **conditional** use of other forms of image data or image-like data, including consumer-adapted or...

...video/computer games. The system according to the present invention can also be used in **applications** of large volumes of data which are not image data, but, e.g., sound, including...

...music. Finally the system according to the present invention can be aimed at user-orientated **applications** of any mixture of large volumes of data which comprise image data, image-like data...

14/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00534644

Local communication bus system
Lokales Busnetzsystem
Systeme de bus de communication local

PATENT ASSIGNEE:

D2B Systems Co. Ltd., (1351770), Betchworth House, 57-65 Station Road,
Redhill, Surrey RH1 1DL, (GB), (applicant designated states:
AT;BE;DE;FR;GB;IT)

INVENTOR:

Welmer, Harm Jan, Betchworth House, 57-65 Station Road, Redhill, Surrey
RH1 1DL, (GB)

LEGAL REPRESENTATIVE:

White, Andrew Gordon et al (73162), Philips Electronics UK Limited,
Patents and Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1
5HA, (GB)

PATENT (CC, No, Kind, Date): EP 535749 A2 930407 (Basic)
EP 535749 A3 950524
EP 535749 B1 990707

APPLICATION (CC, No, Date): EP 92202992 920930;

PRIORITY (CC, No, Date): GB 9121203 911004

DESIGNATED STATES: AT; BE; DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H02J-013/00; H04N-007/00 ; H04B-001/20

ABSTRACT WORD COUNT: 109

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 9927 | 707 |
| CLAIMS B | (German) | 9927 | 665 |
| CLAIMS B | (French) | 9927 | 822 |
| SPEC B | (English) | 9927 | 7151 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 9345 |
| Total word count - documents A + B | | | 9345 |

...INTERNATIONAL PATENT CLASS: H04N-007/00

...SPECIFICATION 10. This may involve channel selection in the satellite tuner, and also operations for obtaining **conditional** access **authorisation** (pay-as-you-view **television**). Clearly, for a consistent menu-based user interaction, it is desirable that such operations can...

...menu or that affects one apparatus or another (or all of them). At the same **time**, it is impracticable to expect the AVC 22 (for example) to know the menus and...

...view of the fact that these apparatuses can be added to the system at any **time**, and may come from different manufacturers.

Figure 3 illustrates how the facility to transfer menu...

14/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00213445

Digital sound/data information receiver.

Empfänger für digitale Ton-/Dateninformationen.

Recepteur d'informations numériques de son/ou de données.

PATENT ASSIGNEE:

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N.V. Philips' Gloeilampenfabrieken, (200769), Groenewoudseweg 1, NL-5621 BA Eindhoven, (NL), (applicant designated states: DE;FR;IT;SE)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 194721 A3 880323 (Basic)
EP 194721 B1 911127

APPLICATION (CC, No, Date): EP 86200349 860307;

PRIORITY (CC, No, Date): GB 8506323 850312; GB 8528229 851115

DESIGNATED STATES: DE; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS: H04N-007/08 ; H04N-011/08

ABSTRACT WORD COUNT: 164

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | EPBBF1 | 436 |
| CLAIMS B | (German) | EPBBF1 | 368 |
| CLAIMS B | (French) | EPBBF1 | 497 |
| SPEC B | (English) | EPBBF1 | 4435 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 5736 |
| Total word count - documents A + B | | | 5736 |

INTERNATIONAL PATENT CLASS: H04N-007/08 ...

...SPECIFICATION as described in our co-pending patent application No. 8506322 (PHB 33144).

The management of **conditional** access to the video and data signals is still the subject of widespread discussion among broadcasters, setmakers and **programme** companies alike. Part 5 of the EBU documents SPB 284 and SPB 352 define, of...

...present the raw data content of these in a specific interface format. At the same **time** it accepts from a **controlled access** (CA) subsystem (not shown) via a connection 31 the control words CW1 and CW2 used to seed the descrambling pseudo random binary sequence (PRBS) generators every 256 **television** frames. Because all the **conditional** access descrambling facilities (PRBS 1/3 in the PDSR device 26 and PRBS 2 in...

...device 27 are applied via a connection 32 to respective connections 33 and 34 for **application** to the PDSR device 26 and the MACSTOR unit 8. A further data input/output...

14/3,K/12 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00402015 **Image available**

TV RATINGS SYSTEM FOR BLOCKING CHANNELS

SYSTEME D'EVALUATIONS DE TELEVISION AUX FINS DU BLOCAGE DE CANAUX

Patent Applicant/Assignee:

OKTV INC,

Inventor(s):

PERLMAN William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742759 A1 19971113

Application: WO 97US7741 19970507 (PCT/WO US9707741)

Priority Application: US 96643992 19960507

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE LS
MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9618

Main International Patent Class: H04N-007/08

Fulltext Availability:

Claims

Claim

... with

the current motion picture rating designations G. PG, PG-

13 R and X. the **rating** data may exhibit ranges of progressively increasing weight with a range in the lowest weight...

...may be thought of as corresponding to the relative degree of acceptability/unacceptability of the **television** programs. It also is contemplated that **rating** data for the entire **television** channel, and not simply for each **program** transmitted on that channel, may be provided. For example, if a **television** channel transmits **television** programs containing a modest degree of violence that occur infrequently, the **rating** for that channel (or of 5 the respective programs) may be relatively low. However, if that **television** channel transmits **television** programs containing intense violence that recurs frequently, the **rating** data is relatively high. It will be appreciated, therefore, that the **rating** data represents the average frequency of occurrence and average level of intensity of predetermined acts (e.g., acts of violence or nudity or profanity) in **television** programs transmitted on the **television** channel.

An example of EPG data containing the 15 aforementioned **rating** data may be constructed as follows:

TABLE 1
FIELD NAME SIZE IN BYTES
Channel number 3
Start time 5
Program length in 3
minutes
Program name 50
Program type 10
Program genre 10
Description 256
Rating data 1

Turning now to Fig. 1, there is illustrated a block diagram of **television** receiver apparatus which incorporates the present invention. The apparatus illustrated in Fig. 1 may be included in a set-top converter, a **television** receiver, a video recorder or other conventional apparatus typically used to receive and cause the display of **television** pictures. A remote control unit 307 is adapted to transmit conventional control signals to the **television** receiving apparatus for controlling various functions such as **channel selection**, volume control, brightness, contrast, color adjustments, etc., ...that event the remote control unit includes an IR transmitter (not shown) and the 5 **television** receiving apparatus includes a remote IR receiver 303. Alternatively, remote control unit 307 and remote...

...the aforementioned control signals may be generated simply by operating corresponding controls directly on the **television** receiving apparatus (e.g., channel selector 302, a volume adjustment button, a picture control button...

...received by remote

out module 310, the **television** channel associated with that **rating** data thus satisfies the predetermined content **rating** criteria and display of every **program** transmitted on that **television** channel is completely inhibited. However, if the value of the **rating** data does not exceed the predefined **rating** code, the associated **television** channel does not satisfy the predetermined content **rating** criteria and every **program** transmitted on that channel thus may be displayed.

In a selective blocking technique, if the value of the **rating** data retrieved from EPG unit 308 exceeds the predefined **rating** code retrieved from parental lock out module 310, the **television** **program** associated with that **rating** data thus satisfies the predetermined content **rating** criteria and display of that **program** is inhibited or the channel broadcasting that **program** is selectively inhibited. However, if the value of the **rating** does not exceed the predefined **rating** code, the associated **television** **program** does not satisfy the predetermined 5 content **rating** criteria and that **program** thus may be displayed.

A scrambler module 309 is adapted to receive the authorization status code of all channels that are receivable by the **television** receiving apparatus, for example, over a predetermined out-of-band channel. Such authorization codes are...

...codes.

Authorization status code is transmitted to scrambler module 309 periodically for each and every **television** channel that may be received by the **television** receiving apparatus shown in Fig. 1 during a selected **time** interval or a mchannel enable command may be transmitted from the head-end controller to...

...to a cable head-end

controller and request that a particular channel or a particular **program** scheduled to be broadcasted on a particular channel (as in 'pay-per-view' or 'pay-per play' applications) be authorized for viewing. This **time** interval may be an hour, a number of hours, a **day**, a number of days, a week, a month or a longer **time** interval.

In accordance with the present invention, it is desirable to automatically **select** another acceptable **television** channel that can be received during the same **time** interval as the unacceptable **television** channel which had been **selected**. For example, if **tuner** 306 is tuned to channel 25 at 8:00 p.m., but the **television** **program** broadcast over channel 25 at 8:00 p.m. is not 5 acceptable by reason of the fact that the **rating** data associated with this **television** channel satisfies the predetermined content **rating** criteria represented by the predefined **rating** code, it is desirable to automatically tune to the next acceptable **television** channel transmitting at 8:00 p.m. to which the **television** receiving apparatus may be tuned, As another advantageous feature of the present invention, EPG unit...

...the

present invention, it is desirable to generate a list of acceptable channels from the **television** channel information stored in EPG unit 308 which can be used to search quickly for acceptable channels without interrogating EPG unit 308. For example, when it is determined that the **television** channel to which tuner 306 is tuned is unacceptable (as by comparing the **rating** data associated with that channel to the predefined **rating** code), microprocessor 301 may generate the list by selecting from EPG unit 308 another channel, such as the next adjacent channel, comparing the **rating** data associated with the other **television** channel, and if that other **television** channel does not satisfy the predetermined content **rating** criteria (that is, if its **rating** data does not exceed the predefined **rating** code), that other **television** channel is added to the list, The microprocessor then repeats this operation for the next...

...all receivable

channels have been examined. As a result, a list of only 5 acceptable **television** channels is compiled; and this list is stored, In one implementation of the foregoing, microprocessor...

...create the

aforementioned list in the manner just described. For example, a list of acceptable **television** channels may be compiled at every half-hour. In yet another implementation, the aforementioned list of acceptable **television** channels may be compiled periodically by microprocessor 301 and may be modified in response to...

...at the top or beginning of the channel listing,

It will be appreciated that the **television** channel information included in the EPG data is changed periodically; and as individual items in the **television** channel information change, the contents of EPG unit 308 are updated accordingly, It is expected...likewise will change periodically as the contents of EPG unit 308 are updated. As the **rating** data included in the **television** channel information changes, the determination of whether particular channels are acceptable likewise will change. Although...

...Pentium microprocessor manufactured by Intel Corp.

The manner in which microprocessor 301 determines whether the **selected television channel** (or, 5 more particularly, the **program** transmitted on that channel) is to be displayed or locked out (i.e, inhibited) is...

...flow

chart shown in Fig. 2* It is assumed that EPG unit 308 stores the **television** channel information associated with all channels before a determination is made that a

average rating data is then derived for each television channel transmitting such television programs. The derived rating data is stored in a rating data base 502, This database also includes the television channel information depicted in aforementioned Table 1. The television channel information, including the rating data, stored in rating database 502 for all television channels, is compiled by a schedule data provider 503, which may be a suitable program schedule service, and transmitted to a head-end controller 504 in, for example, a cable distribution system, This EPG data may comprise daily program schedule data, weekly program schedule data or monthly program schedule data, The television channel information associated with each television channel that may be transmitted daily, weekly or monthly from head-end controller 504 to...

...is transmitted periodically and, preferably over a channel distinct from those channels over which the television programs are transmitted. It will be appreciated that the transmission of EPG data from the...

14/3,K/13 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00383254 **Image available**

IMPROVEMENTS IN RECEIVERS FOR TELEVISION SIGNALS
AMELIORATIONS POUR RECEPTEURS DE SIGNAUX DE TELEVISION

Patent Applicant/Assignee:

BRITISH SKY BROADCASTING LIMITED,
TOWNSEND Christopher Peter,
HOLLIDAY David,
CROSSLEY Robin,
WEBBER Alun David,
JAMES Nicholas,

Inventor(s):

TOWNSEND Christopher Peter,
HOLLIDAY David,
CROSSLEY Robin,
WEBBER Alun David,
JAMES Nicholas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9723997 A1 19970703

Application: WO 96GB2856 19961119 (PCT/WO GB9602856)

Priority Application: GB 9526304 19951222; GB 9616406 19960805

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG
AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12427

Main International Patent Class: H04N-007/173

Fulltext Availability:

Claims

Claim

... software and hardware of the decoder 3 is based around an operating system 35. The conditional access controller 16 has associated software which interfaces with the operating system. The processor 23 has its own base operating system 37 which interfaces to the decoder operating system 35. Applications such as an intelligent electronic programme guide (IEPG) 39 and other applications 40 including interactive services interface to the operating system 35 via an applications interface 41 and associated application translator 42. The software for conditional access applications such as the intelligent electronic programme guide 39 are installed permanently within non-volatile memory, e.g. the ROM 25, of the decoder 3, but variable information such as new access codes and TV programme scheduling details is updated regularly via signals received from the dish antenna 4. Demodulated signals...

...transport demultiplexer 15 which examines the data to decide where it should be sent. From time to time significant changes may be made to conditional access codes or to the manner in which the intelligent electronic programme guide (IEPG) 39 displays programme information. Also, programmes for additional applications, say an interactive shopping or banking service for example, are also supplied via the satellite for the decoder. Such application data is routed by the transporter 15 directly to the appropriate areas 40 of the...
...is supplied on a substantially continuous basis in every channel. The operating data 43 includes conditional access data 44 associated with a channel and/or programmes therein which enables the conditional access controller 16 to determine whether or not access should be allowed to a particular programme by descrambling the data therefor. Additionally, operating data relating to interactive services is transmitted in...

14/3,K/14 (Item 3 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00376182 **Image available**
OUTPUT SWITCHING FOR LOAD LEVELLING ACROSS MULTIPLE SERVICE AREAS
COMMUTATION DES EMISSIONS REPARTISSANT LA CHARGE ENTRE PLUSIEURS ZONES DE SERVICE

Patent Applicant/Assignee:

ICTV INC,

Inventor(s):

HOARTY Leo W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9716925 A1 19970509

Application: WO 96US17410 19961031 (PCT/WO US9617410)

Priority Application: US 95551461 19951101

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

server assigned to a home interface controller has put the home interface controller in communication with the requested **application** process, the communications can be handled directly. The control of the switched channel system is information service on the assigned **television** information signal. The interactive elements require greater processing requirements as interactive communications continue throughout a...

...management is also required to maintain administrative tasks such as billing. Each of the service **application** processes is in communication with a transaction interface process so that billing and credit and...

...given service area.

Referring now to FIG. 9, the output switching arrangement of the interactive **television** system of the present invention is illustrated. The present invention advantageously reduces the component requirements...well with fewer than 350 interactive elements.

A typical broadband plant such as a cable **television** system serving a mid-sized city with perhaps 50,000 subscribers and building hybrid fiber...

...frequencies, about 400 MHz up to 750 MHz - the band typically reserved for interactive **television**. Though the crosstalk problem is surmountable, it can add considerable cost to the switch. However, in addition to the novel concept of creating a metropolitan area switch for **television** channels using frequency on one axis and physical switching on the other, this invention - 31...

...service area. The system may be arranged with the rf processing units 14 putting the **television** information signals on their assigned frequencies directly. Alternatively, the rf processing units may use an...adequate distribution of switching capability should be sufficient to satisfy a peak simultaneous usage **5 condition** in any of the service areas.

CLAIMS:

1 A television information system having a headend...

14/3,K/15 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00194533

EXTERNAL SECURITY MODULE FOR A TELEVISION SIGNAL DECODER
MODULE DE SECURITE EXTERNE POUR DECODEUR DE SIGNAUX DE TELEVISION
Patent Applicant/Assignee:

SCIENTIFIC-ATLANTA-INC,

Inventor(s):

GAMMIE Keithy Beverly,

Patent and Priority Information (Country, Number, Date):

Patent: WO 911884 A1 19910808

Application: WO 91US501 19910130 (PCT/WO US9100501)

Priority Application: US 90442 19900201

Designated States: AT AU BE BR CA CH DE DK ES FR GB GR IT JP KR LU NL SE
Publication Language: English
Fulltext Word Count: 11105

Main International Patent Class: H04N-007/167
Fulltext Availability:
Detailed Description

Detailed Description

... to an authorized decoder cannot be read
out and transferred to other decoders.

The first **condition** can be satisfied by practical scrambling algorithms now available such as the DES (Data Encryption Standard) or related algorithms,
The second **condition** requires the physical **security** of certain devices within the **television** signal decoder and is much more difficult to satisfy, Such a device must prevent observation...

...key
decryption process and the partially decrypted key signals,
Figure 1 shows a prior art **conditional** -access system for satellite transmission, In encoder 101, the source **program** information 102 which comprises video signals, audio signals, and data is scrambled in **program** scrambler 103 using a key from key memory 104, The scrambling techniques used may...

...number used in the
scrambling process which is also required to "unlock" or descramble the **program** in **program** descrambler 108 in decoder 106. In practice, one key can be used (single layer encryption) or more than one key (not shown), The key is usually changed with **time** (i.e. - monthly) to discourage piracy, The scrambled programs and the key are transmitted through satellite link 105, and received by **conditional** -access decoder 106, Decoder 106 recovers the key from the received signal, stores it in key memory 107 and applies it to **program** descrambler 108 which descrambles the scrambled **program** received over satellite link 105, and outputs unscrambled **program** 109, The system is not totally secure, as the key is transmitted in the clear...

...into the
system of Figure 1, Prior to transmission, the key used to scramble source **program** 202 in **program** scrambler 203 is recovered from key memory 204 and itself encrypted in key encryptor 210...

?

File 9:Business & Industry(R) Jul/1994-2004/Jan 14
 (c) 2004 Resp. DB Svcs.
 File 15:ABI/Inform(R) 1971-2004/Jan 15
 (c) 2004 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2004/Jan 15
 (c) 2004 The Gale Group
 File 20:Dialog Global Reporter 1997-2004/Jan 15
 (c) 2004 The Dialog Corp.
 File 47:Gale Group Magazine DB(TM) 1959-2004/Jan 07
 (c) 2004 The Gale group
 File 75:TGG Management Contents(R) 86-2004/Jan W1
 (c) 2004 The Gale Group
 File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jan 15
 (c) 2004 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2004/Jan 15
 (c) 2004 The Gale Group
 File 98:General Sci Abs/Full-Text 1984-2003/Nov
 (c) 2003 The HW Wilson Co.
 File 112:UBM Industry News 1998-2004/Jan 15
 (c) 2004 United Business Media
 File 141:Readers Guide 1983-2003/Nov
 (c) 2003 The HW Wilson Co
 File 148:Gale Group Trade & Industry DB 1976-2004/Jan 15
 (c)2004 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Jan 15
 (c) 2004 The Gale Group
 File 264:DIALOG Defense Newsletters 1989-2004/Jan 15
 (c) 2004 The Dialog Corp.
 File 369:New Scientist 1994-2004/Jan W1
 (c) 2004 Reed Business Information Ltd.
 File 484:Periodical Abs Plustext 1986-2004/Jan W2
 (c) 2004 ProQuest
 File 553:Wilson Bus. Abs. FullText 1982-2003/Nov
 (c) 2003 The HW Wilson Co
 File 570:Gale Group MARS(R) 1984-2004/Jan 15
 (c) 2004 The Gale Group
 File 608:KR/T Bus.News. 1992-2004/Jan 15
 (c)2004 Knight Ridder/Tribune Bus News
 File 620:EIU:Viewswire 2004/Jan 14
 (c) 2004 Economist Intelligence Unit
 File 613:PR Newswire 1999-2004/Jan 15
 (c) 2004 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 15
 (c) 2004 The Gale Group
 File 623:Business Week 1985-2004/Jan 14
 (c) 2004 The McGraw-Hill Companies Inc
 File 624:McGraw-Hill Publications 1985-2004/Jan 15
 (c) 2004 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2004/Jan 14
 (c) 2004 San Jose Mercury News
 File 635:Business Dateline(R) 1985-2004/Jan 15
 (c) 2004 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 15
 (c) 2004 The Gale Group
 File 647:CMP Computer Fulltext 1988-2004/Jan W1
 (c) 2004 CMP Media, LLC
 File 674:Computer News Fulltext 1989-2004/Jan W1
 (c) 2004 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 ? save temp

| Set | Items | Description |
|-----|--------|---|
| S1 | 120784 | ((SECURITY OR AUTHORI?) (3N) (POLIC? OR MODULE? ? OR CONDITI- ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR ACCESS?(3N)CONTROL?) (15N) (SOFTWARE OR SOFT()WARE OR PROGRAM? OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?) |
| S2 | 2952 | S1(15N) (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR WEBTV OR WEB()TV OR INTERNET(3N)TV) |
| S3 | 270 | (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA- ND OR VOD OR PAY()PER()VIEW OR PPW) (10N) (PARENTAL() (LOCKOUT? - OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?) |
| S4 | 0 | S3(15N)S1 |
| S5 | 168 | S2(15N) (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR- ESENT OR USER? ? OR CHANNEL OR TUNER) (3N) (STATE? ? OR PREFERE- NCE? ? OR ENVIRONMENT? OR SELECT?)) |
| S6 | 8 | (CONDITION? OR EXPRESSION?) (15N)S5 |
| S7 | 9451 | VCHIP OR V()CHIP |
| S8 | 6166 | S7 NOT PY>1998 |
| S9 | 6 | S8(15N)S5 |
| S10 | 4 | RD S9 (unique items) |
| S11 | 6 | RD S6 (unique items) |
| S12 | 4 | S11 NOT PY>1998 |
| S13 | 4 | S12 NOT S10 |
| S14 | 160 | S5 NOT (S12 OR S10) |
| S15 | 86 | S14 NOT PY>1998 |
| S16 | 43 | RD S15 (unique items) |
| S17 | 13 | S16(10N) (APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ? OR SOFTWARE OR SOFT()WARE) |
| S18 | 0 | AU=(PETERKA, P? OR PETERKA P?) |
| S19 | 0 | CO=(GENERAL()INSTRUMENT) |

10/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05129129 SUPPLIER NUMBER: 20521478 (USE FORMAT 7 OR 9 FOR FULL TEXT)
On the floor at CES. (Winter Consumer Electronics)
Electronics Now, v69, n5, p13(4)
May, 1998
ISSN: 1067-9294 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1810 LINE COUNT: 00140

... Vision had on display four outboard units that work with existing sets and the current TV - rating system to electronically control youngsters' access to TV programming. The inventor of the V - Chip, Tim Collings, is on Tri-Vision's board of directors.
Another product that generated some...

10/3,K/2 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2004 The Gale Group. All rts. reserv.

04036701 SUPPLIER NUMBER: 18659748
Remarks to the community in Sacramento, California. (Bill Clinton speech) (Transcript)
Weekly Compilation of Presidential Documents, v32, n30, p1325(6)
July 29, 1996
DOCUMENT TYPE: Transcript ISSN: 0511-4187 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4035 LINE COUNT: 00283

... help families raise their children by challenging the entertainment community to come up with a ratings program for children's television and a V - chip on new televisions so people can control the access of their young children to programs with excessive violence or other inappropriate material. And we're doing our best and I...

10/3,K/3 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.

02939736 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Remarks to the community in Sacramento, California
Clinton, William J
Weekly Compilation of Presidential Documents (IWCP), v32 n30, p1325-1330
Jul 29, 1996
ISSN: 0511-4187 JOURNAL CODE: IWCP
DOCUMENT TYPE: Speech
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3809 LENGTH: Long (31+ col inches)

TEXT:

... help families raise their children by challenging the entertainment community to come up with a ratings program for children's television and a V - chip on new televisions so people can control the access of their young children to programs with excessive violence or other inappropriate material. And we're doing our best and I...

10/3,K/4 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03204486 Supplier Number: 46568324 (USE FORMAT 7 FOR FULLTEXT)
THE WHITE HOUSE: Remarks by the President to the community of Sacramento
M2 Presswire, pN/A
July 24, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 3880

... help families raise their children by challenging the entertainment community to come up with a **ratings program** for children's **television** and a **V - chip** on new televisions so people can **control** the **access** of their young children to **programs** with excessive violence or other inappropriate material. And we're doing our best and I...
?

13/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 Resp. DB Svcs. All rts. reserv.

1611336 Supplier Number: 01611336 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BSkyB decoder takeover
(Circuitry in the set-top box chipset from LSI Logic will let BSkyB TV take over satellite decoders that were originally installed for other broadcasters)
Electronics Times, n 824, p 1
September 12, 1996
DOCUMENT TYPE: Journal ISSN: 0142-3118 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 410

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s latest Integra chipset. This will be at the heart of many next-generation digital TV set-top boxes, not just BSkyB's. The circuitry controls access to TV signals and can be switched on at any time through software .

This means one chip can now be used by any box manufacturer for all the conditional access systems. Integra is being designed-in for all the conditional access systems across Europe...

13/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04735699 Supplier Number: 46971190
Il ministero delle Poste ferma la tv targataStream
Sole 24ore, p11
Dec 14, 1996
Language: Italian; NONENGLISH Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...the Post Ministry, and the public body has not received any application. At the same time and according to the Post Ministry, Stream, as a state-owned company, is not in conditions to get the authorization to broadcast programmes via a cable TV .

13/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04182699 Supplier Number: 46110232 (USE FORMAT 7 FOR FULLTEXT)
U.S. Interactive Television Equipment and Software Markets: The Growing Importance of Interactive Television Equipment and Software
Research Studies-Frost & Sullivan, p1
Feb 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 633

... g., home shopping, home banking, and telemetric functions) and 3)

monitor situations (e.g., patient condition at home, home security functions, and so forth).

The potential for real time "impulse" type demand for interactive television programming has stimulated the beginning of a rapidly expanding business marked by the entry of companies...

13/3,K/4 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

02997150 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Up front: A channel for the TV wannabe: Digital television has arrived amid much hype aimed at raising viewers' expectations. Its multi-networks and explosion in choice certainly mean a revolution on the screen but will they create a jobs boom, asks Ian W

IAN WYLIE

GUARDIAN

October 03, 1998

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1316

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... eight. There is also likely to be a shift away from freelance workers, to full-time workers as a result.'

Digital TV will only be as good as those whose job it is to bring programmes to the screen, but media union Bectu has expressed concern that working conditions, crewing levels, job security, health and safety, training and equal opportunities could be compromised. And like any 'glamour' industry...

?

17/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05705165 Supplier Number: 50160926 (USE FORMAT 7 FOR FULLTEXT)
Detection Systems Announces Two More Acquisitions.
Business Wire, p07091399
July 9, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 331

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, access control and closed circuit television applications .

The Company, from time to time , may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05068383 Supplier Number: 47440454 (USE FORMAT 7 FOR FULLTEXT)
Precept Software offers Windows-based "MBone Viewer" for \$39.95 to academic, research users.
Business Wire, p06030126
June 3, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 668

... that delivers full-screen, full-motion video to thousands of desktop PC users at a time .

The software has three elements: the IP/ TV Program Guide, which schedules programs , controls user access and manages bandwidth usage; the IP/TV Video Server, which delivers live...

17/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04561702 Supplier Number: 46704769 (USE FORMAT 7 FOR FULLTEXT)
BSkyB decoder takeover
Electronics Times, p1
Sept 12, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 277

... generation digital TV set-top boxes, not just BSKyB's. The circuitry controls access to TV signals and can be switched on at any time through software .

This means one chip can now be used by any box manufacturer for all the...

17/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01225303 Supplier Number: 41415307 (USE FORMAT 7 FOR FULLTEXT)
Tune In to Radius for Computerized TV
Marketing Computers, v0, n0, p4
July, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 94

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...from TV/cable broadcasts, video laserdisc players, VCRs, VTRs, RGB and still video cameras. Radius TV comes with two **applications** : The desk **accessory** allows **users** to **control** **channel** selection , volume, image quality, etc., while the Theatrics program is used for image processing and special...

17/3,K/5 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05268916 SUPPLIER NUMBER: 21273382 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Going wireless. (wireless local area networks) (includes related article on some wireless applications) (Column)
Day, C. William
American School & University, v71, n2, p52(2)
Oct, 1998
DOCUMENT TYPE: Column ISSN: 0003-0945 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1270 LINE COUNT: 00106

... wireless LANs represent a market and a technology that have not reached maturity.

Some wireless **applications**
* Voice communications and paging.
* e-Mail systems.
* To network computers.
* Remote data

17/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

10029176 SUPPLIER NUMBER: 20316305 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Detection Systems Reports Third Quarter Results and Restates Second Quarter Results.
Business Wire, p2231605
Feb 23, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 778 LINE COUNT: 00090

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television applications** .

The Company, from time to time , may discuss forward-looking

information. Except for the historical information contained in this release, all...

17/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

10021137 SUPPLIER NUMBER: 20304072 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Detection Systems to File for Extension of its Third Fiscal Quarter Form
10-Q Filing.
Business Wire, p2131056
Feb 13, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 210 LINE COUNT: 00022

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, access control and closed circuit television applications. -0- The Company, from time to time, may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/8 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07198622 SUPPLIER NUMBER: 14882384 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CBC is a bit down, but very much in. (Canadian Broadcasting Corp.)
Video Age International, v14, n1, p 16(1)
Jan, 1994
ISSN: 0278-5013 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 479 LINE COUNT: 00038

... Canadians are now spending less time in front of their TV screens. The broadcast regulatory authority CRTC has unveiled plans to increase domestic competition by inviting applications for about seven new national TV licenses. More than 100 applications have landed on its desk.

To add salt to these wounds, the government has drastically...

17/3,K/9 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

04587411 SUPPLIER NUMBER: 08583452 (USE FORMAT 7 OR 9 FOR FULL TEXT)
RadiusTV integrates computers, TV: real-time video-in system for Mac IIs.
(Radius Inc.'s RadiusTV videographics board) (product announcement)
Webster, John
MacWEEK, v4, n24, p4(1)
June 26, 1990
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 485 LINE COUNT: 00038

... own Color Display, a \$4,295 19-inch monitor.
RadiusTV ships with Theatrics image-processing software and a desk accessory that gives control over broadcast channel selection, audio volume and image quality.

The DA also can sample TV channels. While one channel...

17/3,K/10 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03028517 Supplier Number: 46186366 (USE FORMAT 7 FOR FULLTEXT)
TITTLLETATTLE
Internet Business News, pN/A
March 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1735

... over both cable television and the Internet... MICROSOFT CORP is supporting the development of browser software and a ratings system designed to help parents control their children's access to parts of the Internet through its association with the Recreational Software Advisory Council and its RSACi rating system... The NOVA SCOTIA government is adding its 11% sales tax to Internet services, including...

17/3,K/11 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0798265 BW1168

DETECTION SYSTEMS: Detection Systems Announces Third Quarter Sales;
Announces Australian Acquisition

January 22, 1998

Byline: Business Editors

...Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, access control and closed circuit television applications .

The Company, from time to time , may discuss forward-looking information. Except for the historical information contained in this release, all...

...Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, access control and closed circuit television applications .

The Company, from time to time , may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/12 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0096899 BW610

SENSORMATIC: Sensormatic appoints vice president to new division

July 14, 1988

Byline: Business Editors

...was recently formed to provide specialized service to the industrial marketplace. Sensormatic products have industrial applications ranging from closed circuit television systems to access control and document protection devices.

Guiliano has worked for Sensormatic for ten years. During that time...

17/3,K/13 (Item 1 from file: 813)
DIALOG(R) File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1248017 LAW006
ASI Teams With LVC Technologies

DATE: March 25, 1998 08:01 EST WORD COUNT: 353

... leads and resources to provide customers a system that encompasses security, access control, closed circuit television (CCTV) and time , attendance, and labor allocation reporting software .

LVC Technologies, a Division of Ferguson Electric, is an independent commercial security service company that...
?